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## WILLIAM TRICKER acc

## SADDLE RIVER,NoJ. थINDEPENDENCE, OHIO.



## The TAJ-MAHAL COLLECTION

Five exquiste Tropical tilles which will bring to your pool the magnificence of the orlental water garden; some bioom by day, some by night. As milusuraled, one each of Frank Trelease, red; Panam: Pacific, purple; Juno white; Marmarata, blue; Gen-

## EVERYTHING for the Water Garden

## Really-

## Your garden is not complete without a lily pool . . . .

ANEW fashion is sweeping over the country today-that of planting the private portion of the grounds to make of it a beautiful garden room where all the family can enjoy themselves out-of-doors, right at home.

Of all the features that may decorate your garden there is none as fascinating or as beautiful as a lily pool. From the time of the ancient Egyptians, pools have been looked upon as necessary garden features, but never until now has the water garden been so universally appreciated.

And is it any wonder, for today it is so easy and inexpensive to have a pool! From these pages you can select everything you need for the water garden; tropical lilies which will astonish you with their gorgeous beauty; hardy varieties in a range of colors and type equalled by no other grower; and a wealth of companion plants and fishes to complete your garden picture.


# TRICKER'S PRICES ARE LOWER 

 and in addition we will give, with every order of tropical lilios.

## TWO FINE WATER POPPY PLANTS

We want you to try our Tropical Lilies. We have the finest collection in the world and with each order we will include extra and free to you two Water Poppies to plant in shallow water at the margin of your pool. Their leaves float on the water. The large yellow flower bloom almost continuously. We know you will be glad that you ordered tropical lilies from Tricker's when you see these lovely Poppies in bloom with them.

YES, prices are lowest they have ever been. Look at the values offered in this catalog. You cannot find equal selection, as many varieties, or such low prices, considering quality, anywhere you may try.

William Tricker, Inc., is the oldest and largest firm dealing in water liles, aquatic plants, fishes and supplies in America. Had we not continually offered the best in varieties, the highest quality in plants, given more for the money, and pleased the most people we would not be the leaders today.

$95^{\circ}$ Specials

In buying lilies, water plants and fishes there is more to consider than price alone. We wish all of our customers could visit our two plants at Saddle River, N. J., and Independence, Ohio, and see for themselves the organization and facilities that are back of this catalog. We grow so many lilies we never have to sacrifice quality

We ask only that you give us a trial order. We are sure that we will please you and that you will always prefer thereafter to buy from Tricker's.
A. One hardy water lily, ROSE MAGNOLIA. A. Flowers of an exquisite shade of pink. A strong grower; unsuitable for tub culture. A charming variety.
$95 c$
R. One hardy water lily, AURORA. Prized B. for its changeable colors, yellow to redyellow. One of the best for tub gardens. Never sold before at this price.
C. One ata--blomming tropieal lity, DUUBEN. Cusion. Fight lavender-blue flowers in great pro- 95 or small pool.................90
D Four SHALLOW WATER PLANTS, our than if you selected them yourself..................95C

1. Four PERENNIALS for moist ground, our 1. selection of varieties. We know the desir- 95 C

H Four ROCK PLANTS, our selection of you vould not like to have............................95C

C One quart carton of PRAEFECTA, the best U. fertilizer for water plants. Give your lilies $95 C$
a chance to really perform........................98

L One pound of IN-NUR-CO, the best all11. around food for feeding goldfish in outdoor 95 C

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## IMPORTANT PLEASE READ HOW TO ORDER <br> Terms and Policies

WE GIVE these complete instructions to help you avoid delay and misunderstanding. In ordering, read this carefully, use the order blank enclosed, and send your order to our office nearest you-either to Independence, Ohio, or Saddle River, New Jersey
ORDER EARLY. This is most important. There are two reasons. Those who order early are certain of our having on hand whatever they want. In May and early June our shipping department is over-worked and we cannot give as prompt service to orders sent in late. We wish to advise you to order immediately and leave it to our judgment as to the proper time to ship for planting in your locality. Orders received after May 1 will be shipped in rotation received as rapidly as possible. Canadian customers may avoid delay, also, by enclosing with their orders the number of their permit to import plants, obtainable from the Plant Pest Board, Department of Agriculture, Canada. HOW AND WHEN All shipments are made by express colWE SHIP.
lect. Should you instruct us to send
plants by parcel post, it will be entirely at your own risk, for we cannot assume responsibility for loss, damage or condition of the plants sent this way. However, if you do wish your shipment by parcel post, please send us funds to cover the postage, for we do not pay transportation charges on orders sent out either by parcel post or express. Live fish are shipped in water and must go by express.

Water lilies and aquatic plants may be shipped safely any time of the year. Hardy water lilies may be planted any time, but we cannot ordinarily take them from the growing ponds until the end of March. Contrary to the erroneous advice, late planting does no harm.

Tropical lilies may be set out whenever the weather is settled and the temperature averages 70 degrees Fahrenheit. We do not ship tropical lilies in the latitude of New York, Cleveland and Chicago until after the first week in June because earlier planting in this latitude is not safe, If you
instruct us to ship earlier than this, shipment is made only at customer's risk. Of course, for planting south of the at customer's risk. Of course, for planting
Goldfishes, aquarium plants and supplies are shipped any time during the year. Tropical fishes are shipped in ordinary time during the year. Tropical fishes are shipped in ordinary cans from June 1 to October 1. but the remainder of the year it is best to use one of our special shipping cans, wel insulated against cold. A deposit of $\$ 3$ is required to insure TERMS (Effective Jan 1933) Th
TERMS. (Effective Jan. 1, 1933.) These prices cancel all other prices. We accept orders only when ac companied by funds sufficient to cover the price of the goods and 50 cents extra for the shipping pail when fishes are included. Please note that we do not pay express charges or postage on any shipments. NOTE: We make a charge of $\$ 1.00$ to cover overhead costs on orders which are canceled. This $\$ 1.00$ is deducted from the remittance when it is returned.
GUARANTEE. Our stock is true to name, packed with the utmost care, and it should reach you in satisfactory condition. We are not liable for damage which occurred in transit. If shipment is not in good condition notify the Express Company and answer the following: Date and time of delivery. Condition of the package, or can, if fishes are shipped. Condition of the water in the can. Describe in detail any loss and possible cause.

Your claims or complaints must be made within ten days after receipt of stock. No attention to claims or complaints will be given after this time has expired.

A sure indication of the quality of our stock is the fact that we have customers who have sent us orders year after year since our first catalog was issued.
We reserve the right to replace unsatisfactory shipments if the damage or loss is not the fault of the carrler. We also protect our customers by filing claim against the carrier for goods damaged while in transit, providing the losses are substantiated by a Bad Order Report from your local express agent.
OUR PRICES. We believe our prices are as low as any reliable grower can offer in the same grade of goods. Some may offer lower prices, but the best goods are always cheapest in the end. Try ours.
SUBSTITUTION. In case we should be out of one or more
varieties of plants or fishes on your or der, with your permission we will substitute with some equally as good, or with material of greater value than the original order
CULTURAL DIRECTIONS. We have included these in detail $\ln$ this catalog. Also, for your convenience we have them printed on small leaflets which we send with every order.

## We want you to visit our Water Gardens at Saddle River, N. J.

 and Independence, $\mathbf{O}$.EACH year we have thousands of visitors at our water gardens at Saddle River, N. J., and Independence, Ohio. As we are the oldest and largest commercial growers of water plants and fishes in America, those who honor us with a visit are not disappointed with the many interesting sights which our extensive gardens offer. At Saddle River you will see 17 acres devoted to growing pools, greenhouses and display rooms. At Independence we have a very fine show room where all varieties of fish are properly displayed. You will also find extensive greenhouses, show pools and many other sights worthy of a visit. During the lily blooming season the masses of lily blooms at both plants are an inspiration to behold. We urge you to make a visit any time. Many come on Saturdays and Sundays.

## How to Reach Us

Saddle River, N. J., is northwest of New York City and straight west from Tarrytown-on-the-Hudson. It is easily reached from the city and its environs on Route 2. Our gardens at Independence, Ohio, are easily reached from any part of the city of Cleveland as we are eight miles south of Cleveland Square on Route 21, the main highway running from Cleveland to Akron.


> (LEFT) This is our new display house at Saddlc River. Here you will see the most interesting and faseinating tropical fishes in balaneed aquariums in a beautiful and natural setting.


## A personal message

 from
## Charles L.

 TrickerDear Friends:
I am interested in your pool and your success in water gardening. That is why we have made this catalog as complete and interesting and helpful as we could possibly make it. If you do not find the information you want here please write us.

This year we offer you more for your money than ever before. We have constantly lowered prices and we believe you cannot find better values anywhere. Due to increased facilities, better methods of propagation and raising plants and fish we can offer high quality merchandise at lowest prices.

With one plant in the east and another in the middle west we can give you excellent service. I have received so many letters from satisfied customers that I am confident Tricker's products will satisfy you.

We thank you for your patronage and solicit your business on the merit of our goods and our service.

Respectfully,
 play pools and parking spacc.
2 This is a view of some of the greenhouses at the Independence plant. In these greenhouses are display pools of tropical lilies and many other interesting features.
3 Another view of the Independence plant whieh shows just a few of the pools in whieh hardy lilies and Egyptian Lotus are on display. This is but a suggestion of the many attractive on display.
sights here.


With two shipping points we can give you better service and save shipping costs.

# 3 Most Popular Water Lilies 

## for ${ }^{\$} 3^{65}$

## THE MARLIAC TRIO

 (Collection No. 19)This group includes three very fine hardy lilies of the true Marliac type. They are free blooming, fragrant and beautiful. Highly recommended for the small pool. Varieties may be purchased separately at prices indicated.

CHROMATELLA. The most popular of the yellows. $\$ 1.50$ each.
MARLIAC ROSE. Large and deep rose color. \$1.50 each.
MARLIAC WHITE. Large sparkling white flower. $\$ 1.25$ each.
This collection of three distinctive hardy lilies, a real bargain, complete for \$3.65.


Marliacea rosea
N. M. chromatella

## Spectal coulections for beginners

## THE NILE DUET

Two gorgeous flowers which date back to the ater gardens of the Egyptians. CAERULEA. Exquisite blue day-blooming LOTUS DENTATA. A gorgeous white nightblooming tropical.

THRIFT DUET
If you want two choice hardy lilies at a special w price try this pair.
CHROMATELLA. The best known yellow va-
riety.
flesh pink.
THRIFT TRIO
In our plan of offering a lot for a little money Collection we know of no finer combination than this which gives you 24 hours of bloom each day. HENRY SHAW, campanula-blue day-blooming tropical; DEVONSHIRE, bright rosy red night-blooming
tropical; MARLIAC WHITE, pure sparkling tropical: MA
white; hardy.

## 1933 SPECIAL

A bargain in 3 day-blooming and 2 nightblooming tropicals.
looming tropicals.
CASTALIFLORA. Large, fragrant. light pink. JUPITER. Most popular purple.
LOTUS DENTATA. Gorgeous white

MRS. GEORGE H. PRING. Stately pure white.

Collection No. 217


Collection No. 224
$\$ 245$

No. 225
${ }^{535}$
Collection No. 17
${ }^{8} 4^{95}$

## HOW TO MAKE A TUB GARDEN

We furnish everything you need complete for $\$ 4.65$. (See offer on page 5.) The best effect will be gained by sinking the tub in the ground right up to the rim. Fill the tub half full of rich soil, cover this over with half an inch of clean sand and fill with water. The little "pool" is now ready for the water" lily, aquatics and perennials, rock plants and fish. The drawing shows a cross section of a tub garden with plants and water lilies as follows:

1. Rock Plants
2. Rocks
3. Giant Arrow
4. Water Lily
$\begin{array}{ll}\text { Giant Arrow } & \text { 7. Shell Flower or } \\ \text { Water Lily }\end{array}$


Don't overlook our FREE OFFER opposite page 2. ennials.
1 Pair Live Bearing Snails. It makes a complete water garden that will delight you all summer. Be sure and tell us your choice of the color of your lily. This collection may be ordered without the tub for $\$ 3.25$. Sent F. O. B. from Saddle River, N. J., or Independence, Ohio. $\$ 4.65$ EXTRA TUBS
White cedar tubs, made specially strong and durable ; excellent for use as soil containers for lilies and plants. $\$ 1.85$ each.


ORIENTAL GARDEN $\underset{\text { (Collection No. 215) }}{\text { COLLECTION } \$ 35}$

The mystic appeal of oriental splendor brought to your own modern pool with this complete pool coliection, which, as illustrated, includes-

SACRED LOTUS OF THE NILE. Pink.
GLORIOSA. Exquisite hardy red water lily.
AURORA. Sunset shades of rosy-yellow.
One each of: Cattail, Water Hyacinth, Water Poppy, Papyrus, Arrowhead, Yellow Water Iris and Water Arum. Complete Oriental Collection No. 215, now only $\$ 6.35$.

# IT IS EASY TO BUILD A LILYPOOL 

## Follow these simple plans and directions

THE building of a lily pool is really an easy accomplishment. So many of our customers have built their own pools. We know it can be readily and successfully done without great expense, especially if the pool be a small one.
Our portable "Mir-A-Pool" is becoming immensely popular. See page 8 .

## FORMAL POOLS

Most people prefer to build the formal (square or rectangular) pool with straight sides. An average pool is made by excavating 30 inches deep, and building an inside form which allows a thickness of 6 to 8 inches for the walls and bottom; the sides should injury by frost. See drawing of pool below.
A formal pool can be made without forms by first digging a trench as a form for the walls, and after these have set, the center is dug out and the bottom poured.
MIXING AND APPLYING Good results are obtained from a mixture THE CONCRETE. of one part good Portland cement, two parts sharp sand, and three parts halfinch gravel or crushed stone, blended with water and poured into the wetted forms to set as a unit. The forms may be removed when the concrete is firm and the rough places smoothed down with a brick, or a thin coat of cement may be put on with a trowel or even with a paint brush.
IMPORTANT. Newly poured concrete should be kept moist for several CAUTION. days by sprinkling or by a covering of moist straw or bagging. It is best to fill and empty the pool several times during a period of at least two weeks to remove alkali which may injure the plants or fish.

## INFORMAL POOLS

Excavate a bowl-like depression, leaving sides at about 45 degree angle. Tamp earth bottom and sides. Line sides and bottom with heavy wire fence mesh, supporting it at a distance of 2 inches from the ground to permit concrete to entirely surround reinforcing. Prepare stiff 1-2-3 concrete mix using $1 / 2$ inch stone. Pour a 4 to 6 inch layer of this concrete, covering sides and bottom and enclosing wire reinforcing. Smooth with a trowel.

PROVISION FOR Lilies are generally planted in containers which WATER PLANTS. may be boxes, pails, etc. Their method of placing is shown in the diagram below. Many of the aquatics need to have their feet in the mud in shallow water. As these plants are particularly desirable along the edge of the pool, many people construct a ledge to provide for them. Instead of the side of the pool being brought straight up to the water level, it is set back a few inches below what would be the water level so as to make a ledge or shelf. (See section of pool below.) The inner wall is made higher at the edge of the ledge to hold in place the soil needed for the aquatics.

WINTER CARE Unless heavily reinforced, a concrete pool is likely to OF POOLS. need protection in winter as the expansion of ice covered with boards and litter so that little or no ice can form on it


If you are in doubt about any point in the construction or care of your pool, we will be glad to advise you about it.

## EARTH BOTTOM POOLS

A pond is easily made by damming a small stream or spring, but it is advisable to direct the flow away from the places where the water lilies are to be grown. Clay soil is very suitable for pond construction by simply digging 2 feet deen, tamping the bottom and sides and filling in 6 inches of good soil. If the soil is loose or porous the pond must be lined with 6 inches of clay which has been pounded and worked with the feet until it is plastic.

## TUBS AND TANKS

Turn to pages 4 and 8 for tubs and portable pools for the small garden.

## BOOK onPOOLS FREE



HOW TO BUILD
A LLLY POOL

Send for Your Copy

## WILLIAM TRICKER INC. INDEPENDENCE,O:

# How to Grow Water Lilies 

## Your Questions on Culture are answered here.

HOW TO Water Lilies are easily grown. In PLANT. natural conditions Water Lilies root in rich soil in the shallow water of a marsh or pond where there is plenty of sunlight. These conditions are easily reproduced in the garden.

In a natural pond the Water Lilies may be planted where the water is 1 to 2 feet deep. If the bottom is sand or gravel, the roots may be planted in a basket of soil and sunk an inch below the bottom level. Otherwise they may be simply pushed under the soil or anchored with a stone if the bottom is too soft to hold them.

Small pools, including tubs, may best be partly filled with soil- 6 inches of soil, 6 inches of water is correct. In larger pools a satisfactory method is to use tubs or boxes and plant in the manner illustrated in the diagram.

At least one cubic foot of soil should be allowed for each Water Lily, and more if possible. To obtain satisfactory growth in boxes they must be large enough to provide plenty of nourishment. A single plant in a box 2 feet will develop remarkable blooms.

It is best (though not necessary) to have a separate container for each Water Lily, as the leaf-spread averages 3 feet in diameter. Shaiers separate from the lilies.

It is poor practice to drain the pool before planting. Boxes and pails in which the lilies are planted can be easily set in the pool. It is also quite simple to set plants in soil beneath the water, as we always do in commercial propagation.

FERTILIZING
The best soil for aquatic plants is a mixture of three parts of fibrous loam or good garden soil with one part of well rotted cow manure. A heavy soil is satisfactory and gives best results if mixed with manure 3 months to a year before planting. Other manure may be used but not when fresh. Its fermentation may foul the pool and injure the young plants. Instead of the manure you may use a new commercial fertilizer we have developed especially for our plants, named Praefecta. Mix one quart with three bushels of soil, or use a small amount any time to feed plants. For prices, see right column.
Swamp muck should not be used since it is often foul, sour, or low in fertility. An application of well rotted manure or Praefecta should be given hardy Water Lilies each year and new soil every two or three years.

PLANTING. Water Lilies should be set with the crown of the plant just even with the surface of the soil, which is then covered with an inch of sand or gravel to keep the water clean. Eight inches of water above the crown is best for the production of blossoms. Any depth from 6 inches to 2 feet will do, but young plants should always be started in shallow water where the warmth of the sun reaches them. Full sunlight on the pool is very desirable for the growth and formation of blossoms. Plant Water Lilies 3 to 5 feet apart in the pool.
LOTUS. The Lotus tubers look very much like large bananas. They should be planted in rich soil in a horizontal position about two inches below the surface of the soil. The weather should be quite warm before they are transplanted, for if the tubers are planted in cold water, they very often fail to grow. The water should be shallow, six to eight inches being sufficient in which to start them. but the depth of the water can be increased as the plant develops. Pot plants are simply tubers started in the greenhouse in pots and grown along for late planting. These are turned out of the pots and should be planted in rich soil in six to eight inches of water.
WHEN TO Hardy Water Lilies may be planted after the middle of PLANT. April, as at that time new leaves appear in the ponds. April, as at that time new leaves appear in the ponds.
Half-dormant roots are shipped until July and after


How to Plant Water Lilies

## IMPORTANT NOTICE <br> Please Read When We Ship Tropical Lilies -and Why

We do not ship tropical lilies in the lafitude of New York, Cleveland and Chicago until alter the first week in June because earlier planting in this latitude is not safe. It you instruct us to ship earlier than this, shipment is made only al customer's risk. Ot course, for planting south of the above given latitude, shipments go earlier.
Your pool need not be drained to plant tropicals. It is belter to plant them in the warm water that has stood in the pool. Fresh cold water is liable to chill the lilies.

## Please read these directions before writing us.


that growing plants. Tropical varieties are propagated in greenhouse pools. We ship well developed growing plants when the temperature averages about 70 degrees, usually not until June in the latitude of New York, Cleveland, and Chicago but much earlier in the South. Tropical Lilies may also be grown in a sunroom or conservatory pool, blooming the year around with the aid of occasional rations of Praefecta poked under the soil. It is to be noted that young tropical Lilies soil. It is to be noted that young tropical inties out in too cold, deep or shaded water; but if the plants are removed to a warm sunny location they usually start to grow again.

WINTER The best winter protection for the CARE. Lilies and Lotus is to leave water in the pool and to cover the pool with boards and leaves or straw. Very little freezing takes place: roots and fish are safe and the pool walls cannot crack.

Under normal conditions hardy Water Lilies, Lotus and native aquatics winter in the ponds under water and seldom need protection unless the water gets very low, or if left in a pool which is drained. in which case a covering of If the roots are planted in boves, the boves with the roots in may be taken out and covered in a trench, or taken into a cool basement and kept covered with moist burlap until spring. Dry rot is destructive to dormant roots and should be avoided by providing natural conditions of cold and moisture.

Tropical Lilies are best treated as annual plants, and replaced year after year. They may be kept in bloom all year in indoor pools but it is seldom worth while to try to preserve the tropicals unless a greenhouse pool is available.

WINTER CARE OF TUB GARDENS. Dip the water out of the tub; fill the tub heaping full of leaves. A few boards on top will hold the leaves in and help drain the water off. If the tub is not buried in the ground, heap leaves up around it as well.

WINTER CARE OF POOLS. Pools may be left with the water in if the top is covered with boards and the entire pool heaped over with boards and the entire straw. Pools which cannot be covered should be drained unless they are heavily reinshould

Keep pool clear and clean by using scavengers. See page 33.
PESTS. How to avoid the problem of the increase of mosquito population is solved by the use of fish. The small black aphids which sometimes infest the leaves and stems of lilies above water or other insect pests may be effectively controlled with our new Aquaticide spray. See page 23 .

FISH. See page 39 for winter and summer care and feeding of fishes.

## Use Praefecta Fertilizer

For Your Water Plants
After years of experimental work in our laboratory we perfected a scientifically prepared chemical fertilizer, our Praefecta, excellent for water lilies and aquatic plants. It can also be used for any other form of flowers and perennials with excellent results. Mix one quart with each three bushels of soil, or use a small amount any time to feed plants. Apply according to instructions on containers. Stimulates growth of plants. Be sure to include Praefecta with your order.
1 Quart Carton......... $\$ 0.95 \quad 10$ Pound Bag.
$\$ 2.95$
6.50
$\begin{array}{lll}1 & \text { Quart Carton.......... } \$ 0.95 & 10 \\ 5 \text { Pound Bag ............. } & 1.65 & 25 \\ \text { Pound Bag. }\end{array}$
Save time; read these cultural directions before writing questions which are answered here.

## Install Tricker's portable "MIR-A-POOL"

## if you want a satisfactory pool at lowest cost

This beautiful, practical pool 7 ft .7 ins . long by $4 \mathrm{ft} . \$ 1450$
ins. wide. Can be easily installed by anyone. Only......

THIS new type of pool has brought delight to hundreds of customers. It offers just what everyone has been looking for-an inexpensive way to have a nice sized pool, big enough for three lilies. This pool comes to you all folded up, ready to install. When in the ground it makes a pool 4 ft .7 in . wide, 7 ft .7 in . long, and 19 in . deep. It is made of heavy fabric, chemically treated and coated with asphaltum rubber compound to make it water-proof. The inside is finished in Tricker's beautiful Mediterranean blue color. All you need to do is to unfold the "Mir-A-Pool," excavate a hole the size and shape of the pool, drop it in, fill it up, and your pool is ready. With each "Mir-A-Pool" we send complete, easy-to-follow instructions. Just a few minutes work according to these simple directions and you have a little gem of a pool.

## Guaranteed to Last Several Years

Our laboratory experiments indicate that the "Mir-A-Pool" will last for many years. We know of no way in which you can get a satisfactory water-tight pool, as beautiful as this one, good for years, for anything like this price. It can be left outdoors all winter without being harmed by freezing. "Mir-A Pool" comes packed in a container ready to install. Price $\$ 14.50$ F. O. B. Saddle River, N. J., or Independence, Ohio.

## "MIR-A-POOL" PLANT COLLECTION

This collection includes all the plants necessary for an attractive display in the new "Mir-A-Pool," In addition to 4 corner plants, 3 floating plants, and 6 submerged plants (our selection of these 13 aquatic plants), it includes the 3 charming lilies-SOLFATARE-rich cream color changing to apricot; hardy. PINK OPAL-deep rich pink: hardy. HENRY SHAW-lovely cam-panula-blue: day-blooming. This "Mir-A Pool" Collection (Collection No. 46.35

## Fishes and Scavengers

An interesting, well-balanced group of fishes and scavengers for the "Mir-A-Pool" would be Collection No. 30E. It includes 12 Common Goldfishes, 2 Calico Fishes, 6 each of Tadpoles, Jap Snails, Ramshorn Snails, 2 Clams and a pair of American Salamanders. Including shipping can. Collection 30 E
$\$ 4.95$

## Everything Complete

(Collection No. 40A) Should you wish the Me-A-Pool com plants, fishes and plants, fishes and furnish all for
$\$ 24.65$


This shows the beatiful


Read What These Customers Say About "Mir-A-Pool"
"I would not be without A MIR-A-POOL"
"In regard to the Mir-A-Pool I purchased from you last April, it has been a sort of amusement in our neighborhood. There were as many as 20 persons came to see it at one time.

Everything that you shipped for the Mir-A-Pool bloomed. There were as many as 11 lilies out at one time, in 3 different colors.
I would not be without a Mir-A-Pool if it cost four times as much. The goldfish ar getting along excellently ; I did not lose any of them. I am sending a picture that I took of my Mir-A-Pool." (See to left.)

William A. Golden, Scranton, Pa
"VERY SATISFACTORY"
September 20, 1932.
"In the Spring I purchased from you a Mir-A-Pool. This has been very satisfactory in every way and I surely have enjoyed it: also my neighbors.'

Nina W. Coggon, Concord, Mass.

## August 27, 1932.

"For two years the Mir-A-Pool furnished by you has been the delight of my garden. Everyone seems surprised that such a beautiful pool could ,be installed so easily and so economically.'

Catherine Lawrence, Davenport, Iowa.

Prices are lower this year than ever. Order from Tricker's where you get the most for your money.

## Gorgeous TROPICAL LILIES Many Varieties exclusive with TRICKER'S



IF YOU want the thrill of having the most exquisite of all flowers blooming in your own pool, order some of Tricker's day or night-blooming tropical lilies. Tropical lilies have been a specialty with us for many years. We offer the only complete collection of the most desirable varieties. And best of all, our extensive greenhouse capacity enables us to fill every order with healthy growing plants, unusually sturdy and superior at lowest prices. Tricker's tropical lilies will give you complete satisfaction. Being the oldest and

## FREE

With each order for tropical lilies we will include extra and free to you two Water Poppies to plant in shallow water at the margin of your pool. Their leaves float on the water. The large yellew flowers bloom almost continuously. We know you will be glad that you ordered tropical lilies from Tricker when you see these lovely Poppies in bloom with them.

## HOW TO GROW TROPICAL LILIES

The size of their bloom depends greatiy upon the room given the plant, the amount of soil and the warmth of the summer. The quantity of flowers produced is really re-markable-we have had plants that produced over 100 flowers in a single season. These lilies adapt themselves to any amount of soil and will thrive and bloom in the tub garden, but, of course, the flowers will be smaller. They are best suited for artificial pools, and a box of soil 2 feet square by 1 foot deep is none too much to provide for each plant. Our white cedar tubs are just right as containers. Allow a surface space at least 5 feet by 5 feet. For an unusual display, place two plants in a 3 foot box and allow a little more surface space. See also cultural directions on page 7 .

Please read important notice about shipment of tropical lilies, page 7.

## BLUE BEAUTY

In color this variety seems to reflect the blue of the summer sky, with the stamens marking gold lines over the petals. The flowers are larger than most of the ly and continuously all sumly and continuously all summer. A collection without Blue Beauty will certainly lack one of the best dayblooming varieties. Each $\$ 2$.
largest firm in the water lily business we can give you an unqualified guarantee that any plant we sell will be in perfect condition, a sturdy grower, free bloomer and sure to please.

All that we ask is that you do not insist on planting tropical lilies too early. They thrive in warm water and warm sun and will bloom very soon after planting if given a chance. The cold nights of late spring in the northern states are sure to set them back if planted too early. See important shipping notice page 7 .

# *You will get better results with Tricker's day blooming TROPICALWATER LILIES 



T T IS hard to believe that a flower so easy to grow can be so beautiful. Unless you have seen the loveliness day after day that tropical lilies bring to the garden pool from June until frost, it is difficult to imagine. Words do not suffice to describe the magnificence, the pure and sparkling colors, the fragrance and other fascinating qualities of these flowers which have won so enthusiastic a following.

Considering their intense blooming season and the quality of their flowers, tropical lilies are the most economical and beautiful garden flowers. As cut flowers they last from three to five days.

As the name signifies, this group of tropical water lilies keep about the same open hours as their hardy sisters and bring to the daylight hours the same elegance that the night-bloomers furnish at evening. They are open from early morning until middle or late afternoon.

Surely no pool, however small, is complete without at least one tropical lily, and the large pool which really gives the lilies a chance to develop as they should, is delightful beyond compare with both day and nightblooming tropical lilies.

The tropical water lilies are all started in tanks in our greenhouses. The young plants are started in pots and are turned out of these before packing. They make very rapid growth but should not be planted until warm weather is assured. In the latitude of New York City this is early June. The plants soon begin to develop and flower-the climax is reached in August.

Although tropical lilies will winter in greenhouse pools, the splendid bloom from young, vigorous plants more than offsets the slight extra cost of new plants each year.

IMPORTANT. Read cultural directions on page 7 before writing us. Most all of your questions are answered there.

## Listed According to Color

*Indicates the leaf propagating varieties. All of this group have the interesting habit of producing flowers and young plants in a ring about the mother plant on the older leaves, formed where the stem
joins the leaf.

## BLUE

BLUE BEAUTY (or Pennsylvania). Deep blue flowers a foot across and produced very freely. The yellow stamens form a pleasing contrast to the petals. Sepals marked with purple lines and dots. The leaves are slightly speckled with brown above; beneath the ground color is red-purple at the edge, shading to pale green centers. Desirable in a small pool or tub. Very choice but popularly priced. (See colored illustration page 9.) Our best seller. \$2.

MRS. EDWARDS WHITAKER. The largest and most striking of the day-blooming tropical lilies, obtained by crossing Ovalifolia with Castalia. The blooms are frequently over a foot in diameter and are produced in quantity. The color is lavender-blue, which and quite numerous. In all our exhibitions we have found no nymphaea attracting greater admiration than the Whitaker. At its nymphaea attracting greater admiration than the whitaker. At its A bouquet which lasts all summer. $\$ 2.50$.

COL. LINDBERGH (A true blue). This has enormous flowers with wide petals of deep caerulean shade which surpass all the other blue nymphaeas in size, fragrance, color and beauty. As the name implies, the flowers tower in the air high above the water. The leaves are large and oval and pleasingly marbled with brown on top
and flaked with purple and brown blotches beneath. We offered Col. Lindbergh as our finest contribution for the season of 1929. \$2.50.

HENRY SHAW. This lily is a beautiful campanula-blue color and has stamens of lemon-chrome tipped with light campanula-blue. It is a moderate grower, a free bloomer, and has a delightful fraIt is a moderate grower, a free bloomer, and has a delightful fra-
grance. It is an excellent day blooming variety that has been named grance. It is an excellent day blooming variety that has been named
in honor of the founder of the Missouri Botanical Gardens. A in honor of the fo
beautiful lily. $\$ 1.50$.

MARMARATA. A splendid variation of Mrs. Edwards Whitaker. The flowers are identical in color, being a beautiful lavenderblue, but they are of larger size and are produced very freely. The
main difference is in the foliage. The attractive green leaves are mottled and streaked with chestnut brown, making a striking contrast. Illustrated in color on front cover. \$2.

CAERULEA. This is the ancient blue "Lotus of the Nile." Dayblooming. \$1.25.

CAPENSIS. This lily has flowers of a rich sky blue. It is particularly popular for cutting. $\$ 1.50$.
*MRS. WOODROW WILSON. This lily has lavender-blue flowers of large size. It is an extremely satisfactory day-blooming variety for medium sized pools. \$2.

## *"I KNOW-I TRIED

 THEM ELSEWHERE""I can't find words that would justify Tricker's magnificent lilies and bog plants; also their healthy fish, frogs and snails, including tropicals. I know - I tried them elsewhere. The picture (at right) speaks for itself of Tricker's stock.

Thanking you again for past favors, I remain

Respectfully yours,
William T. Ganpin, Shively, Ky."


Interesting and helpful books on landscaping and water gardening are listed on page 19.


LILIES BLOOM DAY AFTER PLANTING
The pleasing pool illustrated at left is located at residence of Mr. and Mrs. J. A. Harbison, Stillwater, Oklahoma. Mrs. Harbison writes us as follows:
"I want to tell you about my success with the lilies and aquatic plants purchased of you last spring. They arrived the first day of May in excellent condition. I put them into the pool that same day and the second day after I had a tiny lily open on my white tropical, Mrs. Pring.
"My husband and I built our pool ourselves and have enjoyed it very, very much."

Mrs. J. A. Harbison, Stillwater, Okla.

## BLUE—Cont.

*BLUE BIRD. This beautiful lily was named after listening to the praise for it made by visitors to our nurseries. Its flower is a rare, true blue color that is uniform throughout the petals and sepals. It is full-petaled and slightly cup-shaped. You will like this
exquisite flower. Its pure color will loom up in a delightful display above the water. It has distinct class, the character of which you would expect in a new and rare creation. A day bloomer. \$5.

DAUBEN. The best known viviparous lily. It produces small, light blue flowers in great profusion during the day: Its small leaf plants often bloom while still attached to the parent.
$\$ 0.95$

INDEPENDENCE BLUE. Flowers are a very fine shade of blue. $\$ 1.50$.

## WHITE

MRS. GEO. H. PRING. A new and novel type that produces numbers of large, fragrant, white flowers with pointed petals. Very attractive among the pinks and blues in a pond and excellent when used alone in a formal setting. It is the counterpart of the Mrs. Whitaker in pure white. Petals broader at the base and more pointed at the tip. Has been known to produce 13 -inch flowers, but like the Whitaker, will also bloom in very small quarters. It is unusual that this, the only hybrid white lily, should be so superior in every respect to the common white Gracilis of Mexico. Will combine with any color. (Illustrated in color on page 16.) $\$ 1.50$.
GRACILIS. This is the white, day-flowering, tender Nymphaea of Mexico. The flowers are sweetly scented. $\$ 1.25$.
*JANICE. An exquisite pure white flower bell-shaped with many stamens. This tropical day bloomer is the finest achievement of modern nymphaea culture, being the first white lily to bear small plants on its leaves as well as being superior to both of the present white tropical lilies. The shape of the flower is different from the star-shaped Mrs. Pring which was crossed with Independence in producing this fine new variety. Janice is a purer white and more handsome flower than either of its parents. Its superior flowers will contrast beautifully with lilies of other colors. (1928) \$2.

## PINK

GENERAL PERSHING. This variety was named in honor of our great General, but on its own merits has gained wide distinction. Without doubt, it is the finest of all pink tender lilies, both in size and color. Being a hybrid from Mrs. Whitaker and Castalifiora, it has inherited its size from the former but is an improvement upon the color of the latter. The dark green buds are striped with purple. The flowers are of great substance, delightfully fragrant, open early in the morning, and are indeed most distinct from any of the other pink day blooming water lilies. A most prolific bloomer: awarder silver medal of the Society of American Florists in 1923. (Illustrated in color on page 13.) Strong plants. \$3.
(Pink varieties continued on next page)

Extremely attractive results are achieved in the pool illustrated at right, located at home of Mrs. Geo. De Forest Smith, Kingston, N. Y.; photographed by R. H. Short, Kingston, N. Y.

## COLLECTION

The Seven Most Popular Day-Blooming Lilies
As the seven most popular of the day-blooming tropical water lilies we have selected for you these delightful varieties which have the greatest flower production, color range, fragrance and proven popularity. Full descriptions are given in the general list classified according to color. Collection consists of one each of the following:

BLUE BEAUTY, Deèp blue flowers. GENERAL PERSHING, Finest of all pinks. MRS. ED. WHITAKER. Largest lavender. MRS. GEO. H. PRING. Fragrant white. AUGUST KOCH. Wisteria violet. MRS. C. W. WARD. Rose pink. PANAMA PACIFIC. Reddish purple.
Value, $\$ 15.50-$ Special Collection Price (Collection No. 2)..
(For complete pool planting add Collection No. 22, page 27)

## WILLIAM TRICKER INC. SADDLE RIVER, N.J.

## Pink Day-Blooming Lilies-Cont.

*INDEPENDENCE. The first novelty produced from Independence.
Viviparous nymphaea of deep pink coloring instead of the regulation blue of that class. It has a gorgeous, full petaled flower, that opens earlier and closes later than any other day-bloomers. The plant is vigorous in growth and fiee-flowering. In fact many of the leaves produce large buds and flowers when the tiny leaf plants have scarcely unfolded their leaves. (1927) $\$ 2$.
MRS. C. W. WARD. A most charming variety with petals of rich rose-pink illuminated by a mass of golden stamens. Flowers are borne well out of the water, with the profusion of the Gracilis type from which it is a descendant. (See colored illustration on page
17.) $\$ 2$.

CASTALIFLORA. The flowers are very large and fragrant and colored a light pink. A day-bloomer of moderate growth. $\$ 1.50$.
GRACILIS ROSEA. The flowers of this plant are rose-pink and are star-shaped. A reliable day-bloomer. $\$ 2$.
GRACILIS RUBRA. Has rich red colored, star-shaped flowers, and is also a good day-bloomer. \$2.50.
*PATRICIA. A wholly charming and marvelous free-blooming lily. Beautiful crimson flowers. Buds are copper bronze, and the under leaf flecked with red. The Patricia is one of the true Independence hybrids in that it bears young plants from the center of the leaf. Being unusually molific we are able to offer it at an unusually low price. Of moderate growth. It is admirable for tub
 pleases. \$2.

ZANZIBAR ROSEA. One of the day-blooming African Lilies that is colored a delightful pink. $\$ 1.50$.

## PURPLE

*AUGUST KOCH. As a variety suitable for all general purposes there is none that surpasses August Koch. It belongs to the same group as Dauben, Mrs. Woodrow Wilson, and Panama-Pacific. We have had this variety continue in bloom for four years in our greenhouses. The flowers are 7 to 8 inches in diameter and open for four to six days. The sepals are purplish lilac and the netals pale wistaria-violet (Ridgeway color chart). Foliage strong and attractive. (See colored illustration on page 16.) \$2.
"PANAMA-PACIFIC. This variety was produced by the late William Tricker. The buds, as they come out of the water, are bronzy green spotted with a reddish brown. An excellent variety for the conservatory in winter. (See color illustration and further description at right.) $\$ 2.50$

JUPITER. (Zanzibar Purple). The most popular of the Zanzibar lilies. The flowers are a deep blue with purple tints and very attractive. This day-blooming Aftican Lily has characteristic bell-shaped flowers and very many stamens that are strikingly different from all other water lilies in form and fragrance. The plant is very adaptable and thrives whether the roots are connined in a variety. $\$ 1.50$.

WILLIAM STONE. This is a particularly attractive violet-purple lily that was oricinated by the late William Tricker. The blossoms are star-shaped and open early in the morning and do not close until late in the


## PANAMA PACIFIC

## (Above)

One of the seven most popular day-bloomers. It is ever-blooming, strong growing and free flowering. Flowers are a rich wine color when first open, turning later, when fully open, to a richer royal purple. The yellow stamens contrast strikingly with the purple petals, creating a new and distinct color in water lilies. $\$ 2.50$.

## GENERAL PERSHING

## (Left)

Without doubt, it is the finest of all pink tropical day-blooming lilies, both in size and color. In bud, the dark green buds are striped with purple. In flower it is indeed gorgeous, with its petals of warm bright pink. The flowers are of great substance, delightfully fragrant. A most prolific bloomer. (Now offered at a new dow price.) \$3.

WILLIAM TRICKER INCOSADDLE RIVER, N.J.

## TRICKER'S NIGHT-BLOOMING

## Use them with other Tropicals for 24 hours of bloom in your pool

YOUR pool will put on evening dress every night if you plant these majestic varieties of night-blooming lilies. There is something fanciful about the way the dazzling blooms open as the others are closing in sleep, and remain open all night, reluctantly closing the next morning when the sun again gets bright. On cloudy days they sometimes remain open all day as well. Nightblooming lilies will surely make your pool a show place during the hours when the grounds are most usually enjoyed by family and guests.

## RED SHADES

FRANK TRELEASE. The most popular lily of its type because of its rich dark crimson color. See illustration page 17. $\$ 1.50$.

RUBRA ROSEA. The most productive of all the Nymphaeas. Our exhibition plant usually has 5 to 8 blooms open at one time and is always enthusiastically praised. There is some question about the color of the lily corresponding to this name as the original Nymphaea rubra differs in various localities in India. Our strain is a rosy carmine and is quite star-shaped due to the unusual shape of its petals which are broad at their base and taper to a long point. (Illustrated in color on broad at their ba
page 12.) $\$ 1.50$.

DEVONSHIRE. The bright rosy red flowers of this lily bloom well out of the water. This plant is one of the most desirable of the nightbloomers. $\$ 1.50$.

GEO. HUSTER. A free-growing and free-blooming variety with flowers that are from 10 to 12 inches across and crimson in color. Surely this is the most desirable member of the night-blooming water lilies. \$2.
H. C. HAARSTICK. Another delightful new night-bloomer. A conspicuous variety owing to its large well-shaped flowers and copper-colored leaves. The flowers are brilliant red in color: a most satisfying shade that will contrast beautifully with other lilies. We know if you like red lilies this one is sure to please. This variety comes from the same source as Emily Grant Hutchings. \$2.50.

## WHITE VARIETIES

JUNO (Dentata Superba). The most perfect modern flower developed by cultivation from the sacred white Lotus of Egyptian tradition. Blooms easily 8 to 12 inches across and persists all summer and fall, making the plant a magnificent sight


## Night-Blooming Collection <br> The Finest Five

We are recommending a few outstanding varieties that are of exceptional quality and beauty. Their flowers are of magnificent size and gorgeous colors. MRS. GEO. HITCH- JUNO. Magnificent

COCK, Pink.
H. C. HAARSTICK. Red shade. white.
KEW. Delicate pink. DEVONSHIRE. Rosy red.
One each, value $\$ 10$.
Special Offer
(Collection No. 1).
$\$ 7.50$
For aquatic plants to be used in the pool that will carry these lilies see No. 22, page 27.

## PINK VARIETIES

BISSET. A night bloomer of unusually free-blooming habit. The flowers are of a beautiful rose-pink color, 8 to 10 inches across; the petals are broad and slightly concave, giving the bloom a cup-shaped form. $\$ 1.50$.

EMILY GRANT HUTCHINGS. A new night-blooming water lily of great merit produced at Tower Grove Park. St. Louis, Missouri. It produces exceedingly large cup-shaped flowers of an amaranth-pink color. This is certainly a splendid variety and a valuable addition to the list of night variety and ${ }^{\text {a }}$ v
bloomers. $\$ 2.50$.
in the morning. Has a flower of great decorative
charm since it is composed of very broad, heavy charm since it is composed of very broad, heavy
petals that open widely revealing wide, flat, petals that open widely revealing wide, flat
saffron yellow stamens, (Illustrated on front cover.) $\$ 2$.
LOTUS DENTATA. A gorgeous white night bloomer. $\$ 1.50$.

IRS. GEORGE C. HITCHCOCK. Mr. Pring of the Missouri Botanical Gardens at St. Louis had always done most of his work with the tropical day bloomers. However, in 1928 he raised a seedling of Omarana, one of the


Above: Emily Grant Hutchings. Center: H. C. Haarstick. Right: Mrs. George C. Hitchcock. (Photographs courtesy of Missouri Botanical Gardens)
Avoid disappointment. Order from Tricker where you get better quality . . . better service and save money.

# TROPICAL WATER LILIES 

## PINK VARIETIES-Continued

has been named Mrs. George C. Hitchcock and is a valuable new addition to the pink flowering night bloomers. The flowers are a much darker rose-pink than those of Omarana, and are very much larger. \$2.50.
OMARANA. A lily quite deserving of its popularity. Its general effect is a pleasing, variegated pink produced by deep shading on the outer edges of the petals that fades into a white stripe through the center line. Flowers are quite large. \$1.50.
KEW. This night-blooming lily is not really a new variety but it has not been offered
for a long time, due to its scarcity. We have worked up a good stock of this which originally came from Kew Botanical Gardens in England. It is not so rampant a grower as most of the night bloomers, but it blooms freely. The delicate pink flowers are quite large; the leaves are green, streaked and mottled. $\$ 1.50$.
STURTEVANT. This exceedingly beautiful night-blooming lily is a splendid hybrid variety. The flowers are 8 to 12 inches across and a bright red. This variety produces a striking effect when several of the immense flowers open in a group. It requires liberal treatment and a hot summer to bring it to its greatest perfection. One of the very best Nymphaeas, making an ideal center piece for a large pool. \$2.


## Read These Letters From Satisfied Customers

"Just a few words of thanks and appreciation for the prompt shipment of my fish. They reached me in excellent condition and are truly a beautiful collection of fishes. I am certainly proud of them and am always glad to advertise your stock in any way that I can because I know that anything you sell will measure up to just what you say it will."

George M. Raynes, Danville, Ky.
August 27, 1931.
"We are enjoying our pool immensely. All who see it are delighted with its beauty and charm. A pool is a wonderful acquisition to any garden. It adds a touch of aquatic life, flora and atmosphere that is irresistible in its attractiveness.
"Since the first lily opened about July 15th there has been a continuous bloom on my Marliac Trio of white, pink and yellow lilies, as many as 13 blooming at one time. My garden is small, $44 \times 50$ feet, but there is going to be room for another pool at the base of a little rock garden in the rear and I shall want plants for this next year. The fish I purchased from you are doing well and multiplying."
C. Van Weelden, Grand Haven, Mich.

## Pool Collection-Fish Foods and Remedies

Includes 1 pound Dried Shrimp, 1 pound In-Nur-Co, 1 quart Turk's Island Sea Salt, 1 quart Fungus Cure, 1 bottle Aquarium Deodorant to destroy algae, and 1 bottle Iehthyophtherius Remedy. Total value, $\$ 3.70$.
Special Collection No. 302. .
$\$ 3$


Victoria leaf shown is 56 inches across. A cardboard was used to distribute the child's weight over the brittle surface of the Victoria leaf.

## VICTORIAS

(V. Trickeri). An interesting aquatic plant characterized by enormous leaves, often 6 feet across, with the edges turned stiffly erect to the height of 3 to 8 inches. The weight of a child is easily supported by the leaves. Victorias thrive under the same conditions as the tender lilies but for full development require plenty of space.
A variety which does well with proper care in the latitude of Cleveland. The flowers are enormous, 15 to 18 inches in diameter, opening white on the evening of the first day, and closing the middle of the following morning. On the second day the flower opens about four o'clock in the afternoon and is colored a deep pink. The fragrant flowers smell very deep pink. a the like a ripe pineapple. Adapted only to much large pools or natural ponds where they very large pools or nat
are very showy. $\$ 10$.

Low priced collections, page 26.

## TRICKER'S LILY POOL ACCESSORIES

## PLANTING TUBS



Our white cedar tubs make excellent soil containers in which to plant lilies and aquatics. They are 2 feet in diameter and 1 foot deep -just the right size to use. They are strong and will last a long time. $\$ 1.85$ each.

## TRICKER'S SKY BLUE

 CONCRETE PAINT
## Beautifies-Stops Minor Leaks

This non-poisonous Concrete Paint is our answer to the many requests we have had for a paint suitable for concrete pools. This special paint will not only give a unique color to the pool, but it will also stop minor leaks. Fur-
 nished in a beautiful shade of sky blue. Tricker's Concrete Paint will add life and beauty to the appearance of your water lily pool. $\$ 1.25$ per quart; $\$ 4.50$ per gallon.


## TRICKER'S "PRAEFECTA" FERTILIZER

## The Best Plant Food for Lilies

After years of experimental work in our laboratory we perfected a scientifically prepared chemical fertilizer, our Praefecta, excellent for water lilies and aquatic plants. It can also be used for any other form of flowers and perennials with excellent results. Mix one quart with each three bushels of soil, or use a small amount any time to feed plants. Apply it to water lilies and aquatic plants as per instructions given on the containers. It will stimulate the growth of plants, which will bloom more profusely with larger flowers.
1 quart carton. $\$ 0.95$
10 pound bag... $\$ 2.95$
5 pound bag.... 1.6525 pound bag... 6.50

## MRS. PRING

(Right)
Because of its color, fragrance and size, this 1924 introduction has become the most popular white tropical day-blooming water lily. Pure white, of large size, ( 8 to 10 inches across), extremely fragrant, and most prolific in blooms, it has aroused admiration wherever seen. $\$ 1.50$.

## AUGUST KOCH

(Below)
This day-blooming tropical lily is a remarkable bloomer. It is one of the most beautiful of the lilac or violet shades. The flowers, which are from 7 to 8 inches in diameter, will remain open for

"WONDERFUL LILY ROOTS" June 1, 1932.
'I wish to thank you for the wonderful lily roots you sent me. I received the lilies May 13th and put them in the pool the same day. All three are already in bud. Thanking you again, I remain,

Yours very truly,
Mrs. Roy Bigler, Goshen, Ind."
"FINE TROPICAL LILIES"
June 2, 1932.
"I want to thank you for selecting and sending me such fine Tropical Lilies. The ones you sent were budded and were 2 days coming. The next day after planting, both the day and night-bloomers were in full bloom on strong, erect stems.
Thanks.
R. C. Manley, Lawrence, Kansas."

Nowhere will you find such a marvelous collection of tropical lilies listed at such low prices as these.


## FRANK TRELEASE

(Left)
A glorious night-blooming lily. Certainly a lily colored so gorgeously should find a place in every pool. Its rich red blooms appear to particular advantage when light colored varieties about them offer a comparison. Each \$1.50.

## MRS. C. W. WARD

(Below)
This most charming variety has petals of a rich rose-pink, illumined by a mass of golden stamens. The flowers are borne well out of the water, in great profusion. This day-blooming tropical lily is an attractive addition to any pool. \$2.

## FREE

With each order for tropical lilies we will include extra and free to you two Water Poppies to plant in shallow water at the margin of your pool. Their leaves float on the water. The large yellow flowers bloom almost continuously. We know you will be glad that you ordered tropical lilies when you see these lovely Poppies in bloom with them.

## PHOTOGRAPHS

We shall be very glad to have submitted to us photographs of pools, ponds or tubs that would be suitable for illustrations either in catalogs or other advertising matter. We shall be pleased to present the sender of a photograph we select to publish in any of our literature, with one of the finest blue or pink Tropical Water Lilies.
 the variety Mrs. Pring, one parent of the St. Louis lily. The other parent is the famous lost lily of Africa, N. Stuhlmanni.

In 1890 a German botanist named Stuhlmann discovered the yellow tropical in a remote African swamp, but no live plant or seed was brought back. Immediately the Missouri Botanical Gardens began to comb Africa to rediscover this precious flower. Many scientists took up the search which ended after 39 years in its rediscovery. Seeds sent to the Missouri Botanical Gardens produced but one plant which grew and bloomed but it did not prove to be a successful type for garden culture.

## NOVELTIES IN FISHES

Golden Orf. Rarely is there a new introduction to the piscatorial world that is so adaptable to the outdoor pool of garden lovers. The Orf is a native of Europe and is extremely hardy. It can almost be placed in the category of a game fish for its habits are quite similar to our native trout and it will leap out of the water to catch insects. It will, however, live in perfect contentment in a still water pool. One feature which is particularly attractive is its surface-swimming habit, which keeps the fish constantly in view. This attractive fish is more elongated and cylindrical than the ordinary goldfish. With its pleasing orange color it presents a beautiful sight to the pool lover. $\$ 3.50$ for six; $\$ 6$ per doz. Order early. This fish cannot be shipped after May 15th.


The New Yellow Tropical Lily, St. Louis
During 1930 Mr . Pring gave much attention to the hybridizing of Stuhlmanni. He made 86 pollinations using Stuhlmanni as one of the parents. After all this work only one hybrid, the St. Louis lily, was considered outstanding, and it is indeed a marvelous thing. It produces large yellow flowers of the shape of Mrs. Pring and has beautiful mottled foliage. It has all the excellence for which the Pring hybrids are noted and the dis-tinction of being the only garden variety, yellow tropical.

It is a source of great satisfaction to this company to have secured this variety from the Missouri Botanical Gardens for exclusive distribution. The patent is pending. A limited stock will be available in 1933, perhaps eight or ten plants. The price will be $\$ 50$ each.

Fresh Water Flounders. This interesting novelty has been called the "aeroplane fish" because of its easy, horizontal progress through the water, the swimming being accomplished mainly by an undulating motion of the fins at the edges of the body. When it is quite young the eyes are on both sides and the fish swims like any other fish and is colored the same on both sides. As one eye works itself to the other side of the head the fish gets to swimming in a flat position and the under side becomes light in color. In the aquarium it frequently fastens itself to the sides of the glass by suction. Chopped worms make a suitable diet for them. A most interesting novelty. $\$ 2.50$ pair.
Brazilian Catfish (Corydorus). A quaint little fish well adapted to life in the aquarium. Principally a ground feeder, it is regarded as something of an aquarium scavenger. Quite harmless. $\$ 2$ pair.

## Try these varieties for a delightful change

THE magic appeal of the new and unusual is felt by everyone, so we try each year to offer several distinctive varieties of water lilies. Although the hardy lilies listed are not exactly new introductions, yet they are varieties which, due to their popularity, became so scarce that it was almost impossible to obtain them in this country.

We consider it a great privilege to be able to offer these rare beauties at this time, and the following list contains varieties of appealing loveliness and charm. They will bring a desirable note of the modern to your pool.
AMABALIS. A very desirable variety of recent
introduction. It has a strong constitution, producing dark ruby-red foliage which turns to olive green with age. The tulip shaped flowers open a delicate shade of salmon, passing to rose and bright pink as the flower ages. Deep pink center with thread-like orange to canary-yellow stamens. with
$\$ 5$.
ATROPURPUREA. One of the darkest of the crimson flowering varieties. The points of the petals are slightly incurved. Flowers of large size with golden yellow stamens. Leaves deep green on top and purplish red underneath. Truly a magnificent red water lily. $\$ 4.50$.
ESMERALDA. A French variety, quite unique in that its flowers are beautifully variegated, being rose pink and white. The petals are sharply pointed and the sepals are white streaked with rose. Quite desirable and different. \$2.50.
FIRE CREST. A nother recent American variety. Flowers are very
fragrant. Upon opening, the petals are a deep pink and the flower opens wide, leaving the stamens standing quite erect. The tips of the stamens are colored fire-red, thus giving the flower a very unique appearance. $\$ 2.50$.
GONNERE. An exceedingly double flower. The petals are snowy white and there are so many of them that the flower looks like a huge snowball. Foliage light green. A free bloomer. \$3.50.
LUSTROUS. A variety of American introduction. It is really a magnificent Marliac Rose, being much larger in size and a deeper rose-pink color with a peculiar silvery sheen, which makes it "Lustrous." The plant is a strong grower with short leaf stems which make the plant quite compact. A valuable addition to the pink flowering water lilies. \$5.
RENE GERARD. This is the queen of all hardy Nymphaeas. Flow-


The striking beauty of Gonnere, one of the new hardy lilies, is well displayed in this picture. Its snowy white petals are so numerous that the flower
els are sometimes ten inches across and very distinct in form with numerous petals, wide at the base, curling at the edges and tapering to waxy points. Their prevailing color is a charming blend of deep old rose which is produced by myriads of tiny flecks of crimson on a white background. \$4.
SOLFATARE. At first we thought this variety was too much like others of the "sunset colors." but we have found much to recommend it. It opens up a rich cream color, shading to yellow at the center. Each succeeding day the color deepens until the third or fourth day the flower is deep apricot and bronze. $\$ 2$.
SUNRISE. As the name suggests, it is a glorious yellow that opens earliest of all. Enormous flowers attaining a size of eight or nine inches, even on young plants, easily the largest hardy lily. The buds are olive brown with a salmon flush. The long narrow petals stand at various angles, and with their curved sides and crinkled tips give the appearance of a giant chrysanthemum. The general color is a clear yellow with a touch of fluorescent green, the stamens rich lemon chrome. The leaves are almost egg shaped, with wavy, crinkled sides, deep green above and red flecked with dark red brown below. Unusual in form, beauty and fragrance. $\$ 3$.


## BOOKS ON FISHES

GOLDFISH VARIETIES and TROPICAL AQUARIUM FISHES, by W. T. Innes, former: president Philadelphia Aquarium Sormer president Philadelphia Aquarium Society. The only modern work in English that covers various aquarium fishes, their eare, habits, breeding, diseases ; and aquatic plants; also construction of aquariums and pools. 300 pages, 275 illustrations. \$4.
MODERN AQUARIUM, by W. T. Innes. A new book on breeding and general care of goldfishes and tropicals, 64 pages, 30 illustrations. \$1.

FISH ATLAS, or Catalogue, a German work illustrating all kinds of aquarium fishes. 192 pages of illustrations. $\$ 1.50$.

## SOME INTERESTING BOOKS

A true water gardener will wish to know about the plants and fish he finds attractive. Realizing that this booklet is but an introduction to a fascinating hobby, we are glad to recommend the following books which have been written by the foremost authorities in this country, and which we can supply.
GARDEN POOLS, by L. W. Ramsey and Charles H. Lawrence. It is the most complete book on garden pools ever published. Tells where to locate and how to build pools. Describes and illustrates many different kinds of pools. Tells how to use and place rocks, how to select plants and care for lilies and aquatics. Complete diagrams and instructions make it easy for you to follow. Essentially a home-gardener's hand book. \$2.50.
THE WATER GARDEN, by Peter Bisset, is an excellent work dealing with the culture of water lilies and other aquatic plants, as well as the arrangement of perennials, shrubs, and evergreens for the borders and background of pools. 210 pages of interesting text profusely illustrated. $\$ 5$ a cony.
THE OUTDOOR LIVING ROOM, by L. W. Ramsey and Charles H. Lawrence. Tells in simple terms how to provide a beautiful setting for your pool. Describes and illustrates many outdoor garden rooms, planned and planted to promote the utmost in beauty and livability for the small home grounds. With simple terms, instructions and charts this book makes it easy for anyone to plant their grounds in good taste and to get more pleasure out of them. The most helpful landscape book we know of. $\$ 2.50$.

Pay us a visit at Saddle River, N. J., or Independence, Ohio. You will find many sights of interest.

## TRICKER'S HARDY WATER LILIES



Everyone loves the hardy lilies. Their lovely blossoms open just above the surface of the water or float gently on it. The leaf stems adjust to the water's depth. If the water is lowered the bud stems twist to keep the bud under water until ready to open. Opening and closing takes one hour each and is an hour later and earlier on the first day open.

Hardy lilies are equally at home in concrete pools, half barrels, or tubs; and with a little care to prevent actual freezing of the roots, their beauty and fragrance may be enjoyed year after year. Lack of experience will

HIS year we have an unusually fine collection of hardy lilies with prices lower than ever before. We feel sure there is no other collection which offers such a fine array of colors and types in the fine quality plants for which Tricker is noted.

## Every one is a beauty. They never were so low-priced. You'll be pleased with the fine quality of Tricker's plants.

 lilies "just grow" when provided with sunlight, rich soil and warm, shallow water.We urge you to order early to avoid disappointment, if you want certain definite varieties of these fine plants. This class of lilies has become so much in demand it is difficult to maintain a constant supply of each variety throughout the season.

## PINK, ROSE AND SALMON SHADES

MORNING GLORY. Opening early in the morning, it has glorious size and color and exquisite fragrance that is almost sublime. The color of the flower is a delicate shell and almost White at the petal tips, shading deeper toward season of Morning Glory, its flowers blooming quality when cut, and its robust growth, give this lily a full rounded unsurpassed perfection. this $\$ 2.50$.

PINK OPAL. A new variety that has excellence of flower and superior habit that determines the favorite. In color, it is a deep, rich pink. The buds are almost round and open into a flower of interesting form With comparatively short petals carried
above the water. Valuable for cutting. Pink Opal does splendidly in tubs. $\$ 1.50$.

ROSE AREY. The flowers, a deep-cerise pink, sometimes reach 8 inches in diampink, sometimes reach 8 inches in diam-
eter. The petals are pointed and have a noticeable curl that gives the effect of noticeable curl that gives the effect of
darker shading near the edges. We consider Rose Arey one of the best of the Sider Rose Arey one of the best of the
Odorata type; a delightful surprise awaits you. (See colored illustration on back you. (See co

NEPTUNE. An exceedingly free flowering variety of French origin. The lovely flowers seem to be made of velvet. Deep pink is the predominating color, the base of the petals being suffused with a darker shade of pink, and the tips of the petals are much lighter. Garnet stamens make : delightful contrast. \$3.50.

## JAMES BRYDON

(Left)
A fine American variety named in honor of one of America's splendid gardeners. Stock has been limited for a long time but a considerable number are available now. A superb variety, producing rosy carmine, cup-shaped flowers of large size. Foliage deep red with bronze tints. $\$ 3$.
 SALMON SHADES-Cont. ESMERALDA. A unique Fiench variety with beautifuly var rose-pink and white fowers. (Fo complete description see page 19.)
$\$ 2.50$. LUCIDA. In this variety we certainly have a jewel. Although first introduced by Marliac in 1894, it has never. been available in great quantities Our pond of it was a glorious sight and called forth a The lovely star-shoped flowers onen a The lovely star-shaped fowers open a milion as the fower to a Foliage is mottled with brownish maroon we mottled with brownish maroon. We recommend this variety very highly. $\$ 2.50$.

MARLIAC ROSE. It is sometimes difficult to select the best among so many pink lilies, but the Marliac Rose is distinctive and well worth while. The sepals and the flower center are a deep pink which shades imperceptibly to a delicate rose at the petal tips. This is one of the best lilies for cutThis is one of the best lilies for cutis highly pleasing. (See color illustration on page 4.) $\$ 1.50$.

MARLIAC FLESH. A vigorous variety; flowers large, of soft fleshpink, deepening towards base of petals: fragrant and produced freely and continuously through the season. Desirable and handsome. $\$ 1.25$.

Pink shades continued next page.
Prices are lower, quality higher.

## PAUL HARIOT

(Left)
This hardy lily has been so popular it has been difficult to supply the demand. When the flower opens it is clear yellow the first day, orangepink the second day, deepening almost to red on the following days. Large, magnificent blooms are borne in abundance all season. $\$ 2.50$.

## There is no furnishing more fascinating or more beautiful in the home than an aquarium. See pages 36 to 48.

## EUGENIA de LAND

## (Below)

Everyone who has grown this lovely Eugenia de Land has been most enthusiastic about it. The finepetaled flowers are borne on the surface of the water where their delightful color forms an attractive contrast to the green leaves. It is a hardy variety and the unusual-


## Hardy Water Lilies-Cont.

## PINK, ROSE AND SALMON SHADES-Cont.

W. B. SHAW. Flowers large, of rich rose-pink and very fragrant. A strong grower and continuous bloomer of N. odorata type. $\$ 150$

EUGENIA de LAND. This grand variety belongs to the N. odorata group, and is unequaled by any other of the same genus. The flowers are extra large, floating, and the petals are large and lanceolate. The flower's color is an exquisite shade of deep rose-pink of iridescent hues with yellow stamens. This is a vigorous and freegrowing plant. (See illustration in color on page 21.) $\$ 1.50$.

MASANIELLO. Some years ago we introduced this splendid French
Hybrid but all too soon our stock was sold out. Lately it has received much attention and we are again offering this fine variety. Its cup-shaped flowers are pink dotted with carmine and have a most pleasing fragrance. A free bloomer and very desirable. Special, indeed, at \$2.

HELEN FOWLER. An exquisite pink nymphaea of the Odorata type. The unusually fragrant flowers ale borne above the water and are desirable for cutting. As the leaves are small, this variety is much used for tub culture. Certified by the Horticultural Society of New York. $\$ 1.25$.

ROSE MAGNOLIA. Flowers of an exquisite shade of pink. 4 to 5 inches across, standing well out of the water. $\$ 0.95$.

FORMOSA. A Marliac hybrid introduced in 1909. The flowers are large and when first opening are a "tender lilac-like pink," according to Marliac's description. It is one of the loveliest of the pinks and a great favorite with us. Sweetly scented. \$3.50.

SOMPTUOSA. This variety of French origin is exceedingly beauti-
ful and attractive. Flowers are really enormous, very double, and fragrant. The outer petals are rosy pink, gradually deepening towards the center, and lightly spotted with a deeper shade of color. Deep orange stamens complete the color combination of this excellent Deep orange sta
variety. $\$ 3.50$.

FIRE CREST. Very fragrant. Petals deep pink. (For complete description see page 19.$) \$ 2.50$.

AMABALIS. Unusual tulip shaped flowels opening a delicate shade of salmon, passing to rose and bright pink. (For complete description see page 19.) $\$ 5$.

LUSTROUS. A magnificent Marliac Rose; deeper rose-pink with silvery sheen. (For complete description see page 19.) $\$ 5$.

## YELLOW SHADES

CHROMATELLA. The clear, rich yellow of Chromatella makes it by far the best yellow variety grown. (See colored illustration on page 4.) $\$ 1.50$.
SUNRISE. As the name suggests, it is a glorious yellow that opens earliest of all. For complete description of this novel lily see page $19 . \$ 3$.
ODORATA SULPHUREA GRANDIFLORA. A very popular fragrant yellow lily. $\$ 2.50$.
YELLOW PYGMY. A tiny lily that is ideal for tub culture. Flowers from one to two inches across are a rich golden yellow. Leaves are pleasingly mottled with chocolate. $\$ 0.75$.

## YELLOW TO RED SHADES

This interesting group includes the fascinating copper colored varieties, the dainty shades of apricot and orange, and the so-called "sunset colors."


Tricker's Rainbow Collcetion growing in pool of Mrs. Chas. Kuehnle, Egg Harbor City, N. J.


Mrs. Emily Peabody, Appleton, Wis., sent in this picture of her pool. She wrote as follows: "You may be interested to know how well my new pool at our summer house has turned out, thanks very largcly to the order you sent me. The enclosed is a closeup of the lilies. The fish have all lived and grown and become very tame at fecding times. Next year I shall look for even better results. Yours truly, Mrs. Emily Peabody."

AURORA. The flowers are rosy-yellow on the first day, red-orange
on the second, and deep red on the third. Its stamens are orange-red and the leaves are mottled with brownish-red. One of the best for the tub garden. $\$ 0.95$.
COMANCHE. Flower opens a rich apricot and then changes later to a deep coppery bronze that appears as a glowing red in the flower is unique among the haldy lilies in that it proudly upholds itself well above the water surface like the tropical Nymphaeas, as if it were conscious of its own superiority. (See colored illustration on back cover.) \$2.

PAUL HARIOT. It is difficult to describe the beauty of this magnificent lily. The blooms are quite large, of lasting quality and are borne in abundance all season. The petals are clear yellow the first day, orange-pink the second day, and this deepens almost to a red on the following days. (Illustrated on page 21.) $\$ 2.50$.

INDIANA. This is perhaps the most variable of the Marliac series and changeable orangerpink hybrids. It opens a creamy yellow crimson on the fifth day, combining the beauty of the Aurora with the size and star shape of the Sioux. Suitable for tub culture. $\$ 1.50$.

SOLFATARE. A new hybrid similar to the Paul Hariot but in softer shades. (For complete description of this novel lily see page 19.) \$2.

SIOUX. A splendid lily whose flowers are a rich coppery yellow; they change in shade to amber-red as the flower ages. Decidedly star-shaped; second only to the Comanche. $\$ 2.50$.

CHRYSANTHA. An excellent new free blooming variety adapted for tub culture. The color undergoes a remarkable change on successive days, opening a creamy yellow, and darkening each day until it is finally deep orange-vermilion. A most interesting variety. $\$ 2.50$.

## WHITE AND BLUSH SHADES

MARLIAC WHITE, A vigorous variety, flowers large, of sparkling whiteness; stamens light yellow, sepals flushed pink; fragrant and produced freely and continuously through the season. Desirable and handsome. Illustrated on page 4. \$1.25.
GLADSTONE. This is the king of the white lilies. It surpasses all the other white Nymphaeas in size and freedom of bloom. It is a pure, dazzling white, 6 to 8 inches across, fairly sparkling in pure brilliancy. A strong grower. $\$ 1.50$.
GONNERE. Petals snowy white. An exceedingly double flower. (For complete description, see page 19.) $\$ 3.50$.
HOPATCONG (Odorata Gigantea). This is a native of the southwestern states. It requires deeper water than usual and more room to spread than any other lily. It is excellent for naturalizing. The leaves are light red underneath and the flowers are very large and pure white in colol*. Fine for bold contrast. $50 c ; \$ 5$ per doz.
LOOSE. A beautiful, large white lily, 5 to 7 inches across, with a delightful fiagrance. Especially desirable because of its freedom and continuance of blooming. The flowers open very early in the day. One of the best of the white Nymphaeas. $\$ 1.50$.
LAYDEKERI LILACEA. Introduced by Marliac in 1893 but it was almost lost to cultivation because of its popularity. Flowers are of medium size, opening losy lilac and deepening as the flower ages. The blooms are sweetly scented. Of moderate growth. $\$ 2.50$.

Turn to page 26 for collections of water lilies. Every collection offers a substantial saving.

## Collection

THE BEST TEN HARDY WATER LILIES
You will particularly like these ten hardy water lilies we list here. Over a period of many years our customers have shown a decided preference for them. We attribute this continued ponularity to their hardiness and freedom of bloom, as well as to their beauty of form and shading.

ATTRACTION. Garnet red. MARLIAC WHITE. Sparkling white. (Collection No. 3) CHROMATELLA. Yellow. PINK OPAL. Deep nink.
COMANCHE. Apricot.
MARLIAC ROSE. Distinctive pink. GLORIOSA. Red.
FORMOSA. Sweet-scented pink. SIOUX. Rich copper yellow. ROSE AREY. Cerise pink.

For other aquatic plants to group with this collection, see No. 22, page 27.)

## WHITE AND BLUSH SHADES-Cont.

ODORATA MINOR. Fraglant white gem for tub culture. \$0.75.
GLOIRE du TEMPLE-Sur-Lot. Marliac introduced this just before the war. In style it is much like Gonnere, but it is a tender pink in color, fading to white as the flower ages. The petals are long, narrow and wrinkled, giving a very unusual effect. $\$ 5$.

## RED AND VERMILION SHADES

GLORIOSA. A lily that is correctly named since it is so exceedingly glorious that we recommend it as the basis of every collection. Let us assure you that Gloriosa, without doubt, sets a standard among hardy lilies and beautiful flowers. Its blossom is a truly remarkable red and is often 6 to 7 inches across, perfect in form and rather double. Its perfume is similar to that of apple blossoms. It is thoroughly at home in pool or lake, and its characteristic small leaf-spread and large blossoms make an ideal plant for tub culture. (Illustrated in color, back cover.) Never before have we been able to offer this choice lily at this $\$ 2.50$ low price

ATTRACTION. The petals are garnet red tipped with
rose flecked white. Its senals are almost white with faint rose streaks. As the blossom ages, the color becomes a rich, deep red with garnet-streaked sepals. Its stamens are of a rich mahogany tipped with yellow. Under favorable conditions blooms attain 8 inches across. \$3.50.

JAMES BRYDON. You will find this a superb variety, being a free-grower with rosy, crimson flowers that are 4 to 5 inches in diameter. (See color illustration on page 20.) $\$ 3$.

RED LAYDEKER. (Laydekeri Fulgens.) A new variety
that promises to become very popular. The blooms are a rich amaranth-led; the sepals, white shading to a rose-pink. The stamens are fiery red. $\$ 2$.

ESCARBOUCLE. A most attractive and meritorious va-
riety. The flowers are most striking in color, being a uniform vermilion-red. A free bloomer and a strong grower. Sure to become popular. $\$ 3.50$.

LAYDEKERI PURPUREA. This variety has been very popular. The blooms are a rich amaranth-red, the sepals white, shading to rose-pink, and the stamens fiery sed. $\$ 1.75$.

RENE GERARD. This is the queen of all hardy Nymphaeas. Flowers are sometimes ten inches across. For complete description of this novel lily see nage 19. \$4.

CONQUEROR. Similar in form to Attraction but is a more prolific bloomer. It is a much brighter red and the inside of the sepals is white, making a pronounced contrast with the petals. A free grower and free bloomer. contra

ELLISIANA. A "recovered" variety. The great collection of Marliac Bros. was so depleted during the great war that many of the fine varieties had to be worked up from exceedingly small stocks. We were fortunate in having some of these in our collection and have been successful in propagating a limited number. Ellisiana is one of these. A very choice variety, bearing bright vermilion red flowers. Not a large flower or a rampant grower. but truly a charming variety. $\$ 3.50$.

SULTAN. A lily which has magnificent large cherry-red flowers. The petals are faintly tipped with white and shade in color to white flecked with red at the base. The sepals are white and have red lines. The red mahogany of the stamens enhances the beauty of this Nymphaea and we think Sultan is well worthy of a place among the best lilies. $\$ 3.50$.
NEWTON. The very large star-shaped flowers are a pleasing rosy vermilion with striking white sepals. Long, orange colored stamens. An unusual and beautiful variety. $\$ 3.50$.
ATROPURPUREA. Large flowers of darkest crimson. A truly magnificent red water lily we are introducing. (For complete description see page 19.) $\$ 4.50$.

## Tricker's "Aquaticide" All-purpose Spray Compound

For the control of injurious insects on Water Lilies, Shallow Water and Aquatic Plants. A summer spray compound especially prepared in Tricker's laboratories for the effective control of aphis and other insects which might attack water lilies and other aquatic plants. If directions on package for using this spray ale followed ou can use it without fear of harming plants or fishes. Equally effective on both chewing and sucking insects. It is also an excellent summer spray for the control of insects on trees shrubs, plants in leaf and on greenhouse plants. Full directions for use are given on containers.

1 Pint ..............50c Insect Sprayers (1/3
1 Quart ...........95c pint capacity) .....20c
One pint "Aquaticide" will make 4 gallons of $3 \%$ spraying solution. With each quart purchase a sprayer will be given free.



A pool within a garden- $a^{0}$ garden within a pool. Hardy lilies in the foreground; Arrowheads, Cattail and Iris pseudacorus in background.

We are glad to answer any questions, but before writing refer to extensive cultural information given on page 7 .

## THE SACRED LOTUS or Nelumbium

THE spell of the Nile still hovers around the blossoms of the Sacred Lotus even when this strikingly beautiful plant is grown in our twentieth century gardens. Four thousand years ago in the sacred gardens of Egypt, where dwelt the priests and where the people came to worship, there were pools of granite porphyry in which the Sacred Lotus grew, dedicated to the ancient deities. The Lotus, springing from the mud, lifting its golden-headed blossoms high over the water and opening pure and spotless to the sun, was symbolic of the rise of the soul of man.

There is perfect beauty in the leaf, bud and opened flower of the Lotus. The great concave, shield-like leaves, often 2


The Mystic Trio
One each of the American, Egyptian and Japanese Lotus. Value $\$ 4.50$.
Special price, $\$ 3.95$
(Collection No. 4A) feet in diameter, and many petaled flowers, like gigantic roses with delightful fragrance, form a striking picture of great artistic quality. Cultural directions on page 7.

Prices are for tubers. Pot plants of each variety are available at an additional cost of $\$ 1$ each after the latter part of June.


AMERICAN LOTUS. (Nelumbium Lutea). The perfect yellow flowers of this variety attain a diameter of 8 to 10 inches. Sometimes this is known as the Water. Chinquapin, especially in those parts of the country where it grows in the those par'ts of the cou
wild. Tubers, $\$ 1.50$.
EGYPTIAN LOTUS (Nelumbium Speciosum). This is the true flower of the Egyptians and possesses a strange haunting fragrance. The blossoms are an attractive pink. An excellent
variety that grows very hardy and freely in the latitude of Cleveland. Tubers, $\$ 1.50$.
FLAVESCENS. All of the Nelumbiums (Lotus) are so strikingly beautiful that it is difficult to select one variety more beautiful than the others. However. Flavescens is a most welcome newcomer that has pleasing cream-colored flowers. It is very free blooming. $\$ 3$ per tuber.
ALBUM STRIATUM. A striking variation of the Japanese Lotus that makes a splendid new introduction. Its large white flowers are very fragrant. The white petals are tipped, edged and faintly striped with rosy carmine. Unusually large and attractive blossoms. \$2 per tuber.
JAPANESE LOTUS (Album Grandiflorum or Magnolia). A splendid white Lotus of gorgeous beauty. The flower is a fine, pure white of large size and delicate fragrance. The leaves are large and deep green color. One of the best white Lotus. Tubers, $\$ 1.50$.

KINSHIREN. This is a beautiful white, early flowering variety. The edges of the petals are tinted and shaded with a rose-pink of a delicate shade. Tubers, \$4. Pot Plants, \$5.
ROSEUM. A Lotus of moderate growth, growing from two to three feet above the surface of the water. The flowers are beautiful deep rose-pink color, of globular forin. Tubers, \$4. Pot Plants, $\$ 5$.
NELUMBIUM ROSEUM PLENUM (Double Flowering Rose Lotus). Deep rose pink. Beautiful globular flowers which are very Beautiful globular fowers Neluch are very very rare. Tubers, $\$ 3$.
SHIROMAN. This is the rare and beautiful double white Lotus and has magnificent. large flowers massed with petals. On first opening, the flowers are cream with a few of the petals tinted light green, which later fades to pure white as the flower gets older. Often the blooms are a foot in diameter. This is a strong, robust plant which flowers very freely. The blossoms will last well in the cut state. Tubers, $\$ 3$.

## LOTUS SPECIAL

Our choice, not named,
good as any,
each


## APPRECIATES TRICKER SERVICE

## Gentlemen:

I am writing to say that the aquarium arrived yesterday (Wed.) noon in fine shape. It is truly a beautiful piece of work and an ornament to any room. My fishes are now enjoying their new and roomy quarters and express their satisfaction in playfully darting about almost rivaling the birds in the cages. I rather suspect the latter envy the fishes their beautiful home
This is all written to express my own pleasure and satisfaction and I want to thank you. Your methods will bring you business if there is any business to be had.

Most sincerely yours,
WALTER B. MANN.

Paint your pool with Tricker's Sky Blue Concrete Paint to make it more attractive. See page 15.


## HOW TO ARRANGE THE PLANTS

The arrangement of plants shown in this illustration is for a small rectangular or crescent shaped pool, and is particularly suitable for a pool that has a background of a wall or high-growing plants. Please note that the tall growing varieties are placed at the back against this background. This illustration shows how easy it is to group these plants attractively in a small pool.

If your pool is located in an open space so you can walk all around it, a most pleasing arrangement of the Egyptian Water Garden is as follows: All the tall-growing plants, A, B , C, D, E, and G would be planted in one large container in the center. The Lotus and Water Lilies would each be planted in a separate container and be grouped around
 the centerpiece. This arrangement is suitable for any shaped pool and forms the loveliest pool imaginable. For general list of Egyptian Lotus varieties, see page 24.
"Gentlemen: I am enclosing a snapshot of my pool (shown at left) showing your Chromatella Lily in the foreground and your Sacred Lotus of the Nile in the center. This Lotus has caused a great deal of comment in Jacksonville, the newspaper men even writing it up, so I thought you would be interested in seeing a picture of it. It has 7 gorgeous blooms on it, and to make it more effective I have had flood lights erected to show it off at night. The result has been beautiful. Very truly yours, Bernard W.
Close."

## EGYPTIAN WATER GARDEN

## Complete as Illustrated

## $\$ 7.35$

Three classic flowers that flourished in the Valley of the Nile, and enough modernized and improved varieties of aquatic plants to give the flowers an appropriate setting. (Note: The varieties may be identified in the illustration below by the initial letters.)
(H) Sacred Lotus of the Nile (Nelumbium Speciosum). The pink Egyptian Lotus.
(I) Nymphaea Blue Beauty. Improved form of the tropical proved form of the tropical
water lily known to the ancients as the Blue Lotus of the cients
Nile.
(K) Nymphaea Juno. The modern Dentata Superba, or Egyptian Dentata Superba, or Egyptian
white lily. Night-blooming.
(A) 1 Papyrus, or Egyptian Paper Plant.
(B) 2 Cattail. A favorite water plant.
(C) 2 Flowering Bulrush. Pink flowers.
(D) 2 Arrowhead. Has distinctive eaves, white flowers.
(E) 2 Pickerel Rush. Blue flowers. (G) 1 Velvet Leaf. Straw-colored flowers.
(J) 2 Water Poppy. Yellow flowers.
(L) 1 Water Hyacinth. Blue flow(ers.
(M) 1 Shell Flower. Floating ${ }_{3}$ plant. Anacharis. Oxygenating plant.
This collection is ideal for the small pool. Complete for
$\$ 7.35$
(Collection No. 5)


See note above

Prices are lower but we furnish the same high quality. Buy from Tricker's where you get most for your money.

## WATER LIIY COLIECTIONS

## MIXED COLLECTIONS

## of Hardy and Tropical Lilies

These collecions each contain both hardy and tropical lilies selected from our listings.

## MIXED DUET, \$3

(Collection No. 223)
Two very fine lilies of exquisite colorings.
INDEPENDENCE BLUE. A very fine blué; day-blooming.
SIOUX. Rich coppery yellow; hardy.

## THRIFT TRIO, \$3.45

## (Collection No. 225)

In our plan of offering a lot for a little money we know of no finer combination than this which gives you 24 hours of bloom each day.

HENRY SHAW. Campanula-blue ; day-blooming tropical.
DEVONSHIRE. Bright rosy red; night-blooming tropical. MARLIAC WHITE. Pure sparkling white; hardy.

## GEMS OF COLOR, $\$ 4.35$

(Collection No. 11)
These lilies are indeed gems of color. However, delicacy of shading is but one of their many points of excellence.
CHROMATELLA. The most popular of the yellows.
PINK OPAL. Lovely rich pink.
BLUE BEAUTY. Immense flowers of rare deep blue.

## TWENTY-FOUR HOURS OF BLOOM, \$4.35

(Collection No. 208)
An unusual collection which will provide delightful blooms practically every hour of the day, hence its name.

CHROMATELLA. Clear, rich yellow; hardy.
BLUE BEAUTY. An exquisite blue; day-blooming.
FRANK TRELEASE. Glorious rich red; night-blooming.

## PATRIOTIC TRIO, $\$ 3.95$

## (Collection No. 209)

Three attractive lilies that represent the national colors.
LAYDEKERI FULGENS. Rich amaranth red; hardy.
MARLIAC WHITE. Sparkling white; hardy.
CAPENSIS. Rich sky blue; day-blooming tropical.

## COLLECTION DELUXE, \$12.95

(Collection No. 10)
A combination that is truly "DeLuxe" including the choicest water. lilies grown. These are standard varieties chosen from among the most popular. The finest seven (value $\$ 17.50$ ).

ATTRACTION. Large dark red.
COMANCHE. Bronze and crimson
MORNING GLORY. Beautiful shell pink.
CHROMATELLA. Deep yellow.
JUNO. Large white night-bloomer
MRS. ED. WHITAKER. Gigantic blue.
GENERAL PERSHING. New deep pink.

## TRICKER QUARTET, $\$ 7.35$

(Collection No. 210)
Those who have room to grow four lilies can not find four representative types more desirable to grow than these.
COMANCHE. Bronze and crimson ; hardy.
MRS. ED. WHITAKER. Gigantic blue ; day-blooming.
JUNO. Large, white; night-blooming.
LAYDEKERI PURPUREA. Rosy crimson; hardy.
RAINBOW COLLECTION, \$8.65
(Collection No. 7)
These five fine varieties will make a gorgeous rainbow garden of water lilies. Each lily is a gem in its particular class and color: Illustrated in color, page 29. (Value, $\$ 11.50$.)

MORNING GLORY. Delicate shell-pink.
GLORIOSA. Large red; the finest red.
PAUL HARIOT. Chameleon orange-pink.
CHROMATELLA. Deep yellow; the best yellow.
BLUE BEAUTY. Deep blue flowers.

Finest Color Combinations Highest Quality Plants

TRICKER'S famous collections provide you with an easy, practical way to have an attractive, harmonious water garden. You will notice that they are of the finest varieties described on the preceding pages, arranged to give the most pleasing results at prices considerably below cost if varieties are purchased separately. See also special collections for beginners on page 4 , and tub gardens on page 5 .

## Hardy Lily Collections

## POPULAR TRIO, \$2.95

(Collection No. 8)
Three fine hardy lilies-Hopatcong, white; Helen Fowler, pink; Chromatella, yellow. Sure to please you.

QUALITY TRIO, \$4.65
(Collection No. 16)
In lilies, as in all other flowers, there are distinct characterisics of color, form and shading which make some flowers more tics of color, form and shading which make some fowers more highly prized than others. This collecti
lilies that qualify as distinctly superior.

GLORIOSA. Large, dark red: unique cup-shape.
PINK OPAL. Deep, rich pink; perfect form and shading.
CHROMATELLA. The finest yellow.

## TRICKER'S DUET, $\$ 2.45$

(Collection No. 216)
Two of the most desirable hardy lilies for the tub garden or small pool. Both varieties are free blooming.
MARLIAC WHITE. Flowers large, of sparkling whiteness CHROMATELLA. The best yellow variety grown.

## MARLIAC TRIO, \$3.65

(Collection No. 19)
This group contains three very fine hardy lilies of the true Marliac type. They are free blooming, fragrant and beautiful. Marlac type. They are free blo


# LOWEST PRICES •BIG VALUES 

Not Equalled Anywhere for Variety or Real Savings

F$\rightarrow$ OR your information, a pool 4 by 6 feet in 4 size will accommodate three water lilies and a small collection of aquatics. These are minimum figures and in most cases larger pools will give better results. There are so many types of lesser aquatic plants that we have purposely made the collections general. The popularity of Tricker Collections is sufficient proof that they are the finest ever assembled.

## Aquatic Plant Collections

## SHALLOW WATER AND BOG PLANTS

No water lilies are included in these collections which are made up entirely of aquatic plants. These collections are suitable for use in pools where three or more lilies may be grown.

SMALL POOL COLLECTION, \$2.95
(Collection No. 21)
Twenty plants in 10 or more varieties, our selection, suitable for a small pool $4 \times 6$ feet or larger, where three water lilies are accommodated. Collection includes:

4 Shallow water plants for centerpiece.
12 Plants for corners or sides of pool.
2 Oxygenating plants.
2 Floating plants.

## MEDIUM SIZED POOL COLLECTION, \$4.95

(Collection No. 22)
Thirty-five aquatic plants in 16 or more varieties suitable for a medium-sized pool, $7 \times 10$ feet or larger, where five or more a medium-sized are required. Collection includes:

9 Shallow water or bog plants for centerpiece.
16 Corner or side plants.
5 Oxygenating plants.
5 Floating plants.


## TROPICAL LILY COLLECTIONS

These collections offer desirable groupings of day-bloomers alone, night-bloomers alone, and day and night-bloomers mixed.

## SADDLE RIVER TRIO, \$4.95

(Collection No. 18)
Here are three of the most popular of the day-bloomers. For form, for color and for production of exquisite flowers in great abundance, these varieties are unexcelled.
MRS. WARD. Deep rose-pink. Profuse bloomer.
MRS. PRING. Stately pure white.
BLUE BEAUTY. A rich deep blue. Favorite of all.

## NIGHT-BLOOMING COLLECTION, \$2.95

(Collection No. 14)
A special collection of three wonderful night-bloomers that will fascinate you with their beauty, fragrance and mystery. One plant each of red, white and pink ( 3 plants) of night-bloomers, our selection of varieties.

## TROPICAL GARDEN TRIO, \$4.95

(Collection No. 220)
No finer varieties of exotic Tropical Lilies could be found to grace the garden of an oriental queen than MRS. WARD, rich rose-pink: PANAMA PACIFIC, royal purple; and FRANK TRELEASE, glorious red night-bloomer. All are radiantly lovely varieties which will make your* pool as beautiful as a queen's.

## 1933 SPECIAL, \$4.95

(Collection No. 17)
An excellent group of day and night-blooming lilies which, at this low price, is indeed a splendid value for five varieties as lovely as these. Our complete stock enables us to make this special low price.
CASTALIFLORA. Fragrant light pink; day-blooming.
JUPITER. Most popular blue.
LOTUS DENTATA. Gorgeous white.
FRANK TRELEASE. Dark crimson.
MRS. PRING. Stately pure white.

## CLASSIC TRIO, $\$ 5.95$

(Collection No. 15)
A nother grouping of the most popular varieties. The flowers are large and of the finest colors.

MRS. PRING. Pure white.
GENERAL PERSHING. Deep pink.
MRS. WHITAKER. Gigantic blue.

## ELITE TRIO, $\$ 3.65$

(Collection No. 218)
Our immense stocks enable us to offer these three very choice tropical lilies at this special low price. This collection gives you 24 hours of bloom each day.
RUBRA ROSEA. A delightful red night-bloomer.
CAPENSIS. An alluring blue day-bloomer.
ZANZIBAR ROSEA. Select pink day-bloomer.
INDEPENDENCE TRIO, \$4.35
(Collection No. 12)
See page 12 for description and illustration in color.

## NILE DUET, \$1.95

(Collection No. 217)
Two gorgeous flowers which date back to the water gardens of the Egyptians, and were held sacred for their beauty.
CAERULEA. Exquisite blue; day-blooming.
LOTUS DENTATA. Gorgeous white; night-blooming.

## Fishes and Scavengers COMBINATION FISH COLLECTION, \$4.95

(Collection No. 30E)
Every pool should have its complement of animal and fish life and this combination fish collection is made up to supply just what you need for a medium or small sized pool. 14 dandy fish will supply fashing life and color, and the snails and other scavengers help to keep the water pure and clear.
Collection includes:
One dozen Common Goldfish.
2 Calico or Gingham Fish.
Scavenger Collection 34 A which includes 6 each of Tudpeles, Jap Snails, Ramshorn Snails, 2 Clams and a pair of American Salamanders, and shipping pail for which charge is included.

Read about the new yellow tropical lily, St. Louis, now offered for the first time. Page 18.


# buys this complete pool Collection of LILIES - PLANTS - FISHES - 

## Collection No. 38A for Small Pool

## As illustrated-without rock plants

This collection includes everything needed to attractively plant a small pool $4 \times 6$ feet or $5 \times 7$ feet. The illustration above shows the water plants offered in this collection in their natural setting.
This really is a beautiful grouping and a specially fine value. Collection No. 38 A includes the following:

## Three Lilies-Two Tropical, One Hardy

(If you prefer all hardy varieties order Collection No. 38B. See below.)
The three lilies furnished with this collection are known as our Twenty-Four Hour Blooming Collection No. 208 which includes Chromatella (yellow, hardy), Blue Beauty (blue, tropical), and Frank Trelease (red, tropical)

## 20 AQUATIC PLANTS

Our selection of varieties, but includes:
4 Shallow Water Plants such as Papyrus, Pickerel Rush and Arrowhead for centerpiece. 12 Aquatic Plants such as Taro, Forget-Me-Not, Primrose Creeper, etc., for corners or margins of pool. 2 Floating Plants, 2 Oxygenating Plants.

## FISHES, SCAVENGERS AND SUPPLIES

12 Common Goldfish, 2 Calico Fish, half dozen each of Tadpoles, Jap Snails, Black Ramshorn or Melanthos, 2 Clams and a pair of American Salamanders.
1 carton of Praefecta, our new fertilizer
Complete collection for small pool, with shipping pail.
Value, $\$ 13.70$. Collection No. 38, special.$\$ 9.95$

## SMALL POOL COLLECTION, No. 38B

Same as No. 38A except that in this collection the three lilies are all hardy and include the Marliac Trio Chromatella, the most popular of the yellows; Marliac Rose, large and deep rose color ; Marliac White, large sparkling white. (Note illustration page 4.) Aquatic plants, Fishes, Scavengers and Supplies as listed above. Complete with shipping pail.$\$ 9.95$

These specially arranged low priced collections for different sized pools offer everything needed to make your pool satisfyingly beautiful and complete. For most attractive results, arrange the aquatic plants in groups and about the margins of the pool with one group or single plant as a centerpiece in some manner as shown in the illustration above. Place the lilies from 2 to 5 feet apart, according to the size of your pool.

## Complete Collection for Medium Sized Pool

Everything needed for a medium sized rectangular pool $6 \times 6$ feet or a round pool 7 or 8 feet across. This collection is very similar to the small pool collection illustrated, only it includes more varieties as follows:

4 Lilies. The Tricker Quartet (see page 26), Collection No. 210.
20 Aquatic Plants. Same as listed for small pool, Collection No. 38A. (See left column.)
Fish, including 1 pair Young Giants, 6 Common Goldfish, 3 Calico Fish: Scavengers, including half dozen each of Tadpoles, Jap Snails, Black Ramshorn or Melanthos, 2 Clams and a pair of Salamanders.
1 Carton Praefecta, our special fertilizer.
Complete collection for medium sized pool, with shipping pail. Value, $\$ 16.70$. Collection No. 39, special for only........... $\$ 14.95$

## Complete Collection for Popular Sized Pool

This is our best answer to the question of what to put in a pool $7 \times 9$ feet, $8 \times 12$ feet or 12 feet across. Collection includes: 5 Lilies, Rainbow Collection (see page 29); Aquatic Plant Collection No. 22 (see page 27) ; 2 pair Young Giant Goldfish, 12 Calico Fish (Japanese Shubunkins) ; Scavenger Collection No. 34 A (see page 33 ), and 1 carton of our special fertilizer, Praefecta. Everything complete, value $\$ 24.50$, Collection No. 37, all for............................. $\$ 19.95$

Compare prices. We do not believe you can find values equal to the offers on this page anywhere.


## TRICKER'S famous RAINBOW COLLECTION

T
HESE four hardy varieties and one tropical variety make a gorgeous rainbow garden of water lilies. Any one of them makes a beautiful showing by itself, but when they are all planted together in this rainbow grouping, they offer a wonderful color display. Each lily is a gem in its particular class and color. Included in this collection-

No. 1. Morning Glory. Delicate shell-pink. Opens early in the morning.
No. 2. Gloriosa. Large red ; the finest red. Flowers perfumed like apple blossoms.
No. 3. Paul Hariot. Chameleon orange-pink. Blooms abundantly all season long.
No. 4. Chromatella. Deep yellow; the best yellow. No pool complete without it.
No. 5. Blue Beauty. Deep blue flowers; (tropical). Flowers sometimes a foot across.


These are the lilies included in Collection No. 37 on opposite page.

Of all our collections none have proven as popular as the Rainbow Collection.

## WILLIAM TRICKER INC. SADDLE" RIVER, N.J.




NATURAL Ponds have a profusion of flags, rushes, reeds and small flowering plants which delight the eye. Your pool will be more attractive and much more naturalistic when planted with clumps of these ornamental and semi-tropical plants.

Plant the roots of these plants in rich loam. In a concrete pool you may build a ledge or use a box of soil, or you may put individual plants in flower pots set at the proper depth. All of the plants in this list should be planted above or below the water according to their individual needs. The shallow water plants which require 6 inches of water and no more are marked *. Those which do best in 2 inches of water are marked $\dagger$. Bog plants, marked $\ddagger$ like wet feet but do not like to swim or wade; plant them with the crown just above the water level. Many of the bog plants are excellent house plants and will grow indoors if the pot is set in a saucer kept full of water.
*ARROWHEAD, DOUBLE FLOWERING (Sagittaria japoniea foreplea). A plant like the Giant Arrowhead in foliage, but one that develops a spike of beautiful double petaled white flowers. Grows well as a bog or shallow water plant. $\$ 1$ each or $\$ 10$ per doz. fARROWHEAD, GIANT (Saggittaria sagittifolia). Distinctive leaves
shaped as name indicates and standing 1 to 3 feet above water. Flowers freely in a series of white spikes. Hardy. $\$ 1$ for $3 ; \$ 2.50$ per doz.
*BOGBEAN (Menyanthes trifoliata). A perennial aquatic with creeping root stocks in shallow water. Its fragrant white flowers are borne on stout stalks, fringed and suffused with pink, fowers for $3 ; \$ 1.50$ per doz.

## BUTTERFLY LILY:

+ White (Hedychium coronarium). A tall canna-like plant with large leaves and very fragrant white blossoms borne in umbels. A very handsome plant. $\$ 1$ for 2.
$\stackrel{+}{3}$ Yellow (Hedychiuin ehrysoleueum). A native of India, and while similar to the preceding variety, is considered the best of the genus and very desirable. In habit it is tall-growing, and the light yellow flowers are followed by bright red berries. Quite desirable semiaquatic plant. \$1 for 2 .


## CALLA LILIES

$\ddagger$ Golden Calla (Zantedeschia elliottiana). The most desirable of the yellow Calla Lilies. Its flowers are as large as the well-known white variety, but are a lustrous golden yellow. The foliage is dark green with translucent spots of creamy white, and adds more to the beauty of the bloom. \$1 each.
$\ddagger$ White Calla (Zantedeschia aethiopica). One of the best water plants for summer use. Perpetual flowering; fine white flowers. Not hardy but can be kept indoors through the winter. Flowering plants. \$1 each.
*COMMON CAT-TAIL (Typha latifolia). One of the favorite native swamp plants. Hardy. 50c for $3 ; \$ 1.50$ per doz.
*GRACEFUL CAT-TAIL (Typha angustifolia). A tall variety with slender cat-tails more completely developed than the usual type, giving the appearance of being double on the stem. These plants furnish a very fine background in massed planting. 50c for 2 ; $\$ 2$ per doz.
*FLOATING HEART (Nymphoides peltatum). This plant has leaves like the nymphaeas and produces brilliant yellow flowers quite freely. It is hardy and will do well in 2 to 6 inches of water. 50 e
for $3 ; \$ 1.50$ per doz.
$\dagger$ FLOWERING RUSH (Butomus umbellatus). A hardy plant with peculiar three-sided leaves in graceful clumps. Attractive pink flowers are borne on round stems. Fine for naturalizing in a pond. Hardy. \$1 for 3 ; \$2.50 per doz.
$\ddagger$ FORGET-ME-NOT (Myosotis seorpioides). A well known spring and summer flowering plant with small clusters of clear blue flowers with a yellow eye. Hardy. $\$ 1$ for $4 ; \$ 2$ per doz.
$\rightarrow$ HARDY CALLA (Calla Palustris). This is like a calla lily, but mardy 50 smalle in size. A desirable plant for shallow water. Hardy. 50 c for $3 ; \$ 1.50$ per doz.


Water Snow Flake (page
32.) and Artificial Alligator
†IRIS pseudacorous (Yellow Flag). A
tall, sword-leaved plant bearing broad yellow flowers of the Japan Iris type. Valuable and attractive. Hardy. \$1 for 3 ; \$2.50 per doz.
$\dagger$ IRIS versicolor (Blue Flag). Exactly like Yellow Flag except that the
flowers are blue. $\$ 1$ for $3: \$ 2.50$ per flowers are blue. $\$ 1$ for $3: \$ 2.50$ per doz.
JAPANESE TARO:

* Violet stemmed Taro (Colocasia violaeea). One of the very striking Taros. The leaves are a beautiful bluegreen. The stems, mid-ribs and veins underneath the leaves are a lovely lavender, the same color being repeated in the edges of the leaves. We do not think that this variety has glad to give you the opportunity now of securing this unusually attractive of securing this unusually attractive
Taro. $\$ 1.50$ each.

No pool is complete without a few of these shallow water plants. Be sure and order some.
†SPIRAL PALM. A Brazilian oddity something like the Umbrella Palm. Greenish white flowers produced in umbels. \$1 for 3 ; $\$ 2.50$ per doz.
$\dagger$ VARIEGATED SWEET FLAG (Acorus Calamus Var.). A fine hardy plant with saber-like leaves broadly striped green and ivory. Grows about two feet high and is excellent for group planting. $\$ 1$ for $3 ; \$ 2.50$ per doz.
+DWARF SWEET FLAG (Acorus Gramineus Var.). A miniature flag 6 to 10 inches high with green and white stripes. Fine for small pools or tub gardens. $\$ 1$ for $3 ; \$ 2.50$ per doz.
+UMBRELLA PALM (Cyperus alternifolius). Grows well either in small pools or moist ground. $\$ 1$ for $3 ; \$ 2.50$ per doz.
+DWARF UMBRELLA PALM (C. gracilis). This is the dwarf form ; fine for aquariums and tubs. $\$ 1$ for $3 ; \$ 2.50$ per doz.
$\dagger$ VELVET LEAF (Limnocharis Flava). An erect growing plant, standing 1 to 2 feet out of water, with elliptical leaves 4 to 6 inches long of velvety green. Flowers straw color. \$1 for 2.
†WATER AMARYLLIS (Crinum Americanum). An ideal tropical marsh plant which produces white bell flowers in umbels of six or eight. Very suitable for corners of a small pool. \$1 for two six or eig
plants.
*WATER ARUM (Peltandra Virginica). A hardy aquatic with graceful, spear-like leaves and calla lily flowers. $\$ 1$ for $3 ; \$ 2.50$ per doz.

## WATER CANNA (Thalia) :

* Dealbata. A handsome canna-like aquatic standing 3 feet high. Hardy. Purple blooms from June to September. 75 c each.
* Imperial Taro (Colocasia antiquorum illustris). The finest of the Japanese Taros. The leaves are attractively blotehed a dark brown and violet black. This makes an excellent centerpiece for the small pool or a
very satisfactory house plant when potted and grown very satisfactory house p
in a jardinier. 75 c each.
* (Colocasia Multiflora). A very unique foliage plant. The leaves are rich green, on dark purple stems. As a marginal plant for the pool, it is very ornamental as it marginal plant for the pool, it is very ornament
will grow to a height of 4 to 5 feet. 50 e each.
$\ddagger$ (Colocasia indica). Very similar to the above, except that it is entirely green. A good growing variety. 35 c each, three for $\$ 1$.
\#LIZARD'S TAIL (Saururus cernuus). A hardy bog
plant growing 2 to 3 feet above the water. Blooms from July to August. Small. fragrant flowers are produced in dense terminal spike, the upper part arching gracefully. $\$ 1$ for 3 .
+LOBELIA cardinalis (Cardinal flower). One of the most attractive plants of our native flora, seen along streams and low, moist ground, sometimes a few spikes of rich, fiery cardinal flowers; again in masses, when the sight is brilliant and dazzling. $\$ 1$ for 3 .
$\ddagger$ MARSH MARIGOLD (Caltha palustris). Clusters of large butter-cup-like flowers of brilliant yellow, early in spring. One of the most attractive native plants. Hardy. $\$ 1$ for 3 ; $\$ 2.50$ per doz.
†PAPYRUS or EGYPTIAN PAPER PLANT (Cyperus papyrus). The stalks are triangular and attain a height of 5 to 8 feet. At the top is a tuft of long thread-like leaves which gives the plant a most novel appearance. Shallow water and rich soil spell the best combination for this plant, but it also does well in for pools and ponds. $\$ 1$ for $3 ; \$ 2.50$ per doz.
*PARROT FEATHER (Myriophyllum proserpinacoides).
Quite successful when planted in a tub or watertight hanging basket. The growth soon goes over the tight hanging basket. in the form of long trailing stems. Extremely edges in the folm of long fountaing Hardy. 50 c for 3 ; valuable for tr
$\$ 1.50$ per doz.
*PICKEREL RUSH (Pontederia cordata). The blue flowers of this plant have made many friends, particularly as they are produced freely. The total growth is about 2 feet. Hardy. 50 c for $2 ; \$ 2.50$ per doz.
*PRIMROSE CREEPER (Jussiaea Repens). A rapid growing partially submerged vine with waxy green leaves and a profusion of bright, yellow flowers. Thrives in sun or shade. Not hardy. 50c for $3 ; \$ 1.50$ per doz. †PRIMROSE WILLOW (Jussiaea longifolia). Erect plants 2 to 3 feet high, with attractive narrow foliage and bright yellow blossoms profusely borne in the axils of the leaves. Very desirable at the edge of pools or in tub culture. $\$ 1$ for $3 ; \$ 2.50$ per doz.
†SPIDER LILY (Hymenocallis Caribaca). A native plant of the West Indies that produces clusters of fragrant white flowers. The petals are narrow and curving and give the plant a characteristic spider-like appearance. $\$ 1$ for $2 ; \$ 5$ per doz.

Divaricata. A new introduction. Like the above except that this is a taller-growing variety. Purple flowers. \$1 each.
©FOUR LEAF WATER CLOVER (Marsilia Drummondi). A four leaf clover which forms a mosaic pattern on the surface and in crowded spots. Sends up a luxurious growth of aerial leaves. Not hardy. 50 c for $3 ; \$ 1.50$ per doz.
*PURPLE WATER HYACINTH (Eichhornia azurea). A creeping plant without the floating bulbs of the ordinary Water Hyacinth but with more handsome blooms. $\$ 1$ for $2 ; \$ 5$ per doz.
†WATER NASTURTIUM OR WATER CRESS. Thrives in sun or shade; ideal near a cold spring. Edible. Hardy Rooted plants. \$1 per doz.
+WATER PLANTAIN. A border plant with heart-shaped leaves standing about a foot above the water and surmounted by tall branching spikes of white flowers. Hardy. $\$ 1$ for $3 ; \$ 2.50$ per doz.
*WATER POPPY (Hydrocleis nymphoides). The leaves float upon the surface of the water. Flowers are large and yellow, similar to the poppy. It is in flower almost continuously. 50c for $3 ; \$ 1.50$ per doz.
†WLLD RICE (Zizania aquatica). The importance of Wild Rice as a food for water-fowls cannot be over-emphasized. It is easily grown in shallow water and is decidedly ornamental, as it shoots up rapidly and makes a growth of 5 in every pond. $\$ 1$ per doz. $\$ \$ 6.50$ per 100 .


Lotus and Aquatics in rear of pool, Hardy Lilies and Water Hyacinth in foreground. Ornamental Grasses outside pool.

We honestly believe we have the lowest prices offered anywhere on highest quality merchandise.

## Floating Plants



SOME of the finest aquatics will grow and bloom merely floating on the water surface, deriving nourishment from the air and water. In nature they drift to shallow water where the roots soon anchor and growth is very rapid. In other words, Floating Aquatics are always at home in any pool.
AZOLLA (Azolla caroliniana). Small crinkly, green plants resembling floating leaves of arborvitae. Strong sunlight turns Azolla a deep red. Per portion, 25 c.
DUCK WEED (Lemna minor). Appears as a series of green polka dots on the surface. The smail roots are much appreciated by goldfish Hardy. Per portion, 25c.
SALVINIA (Salvinia braziliensis). Dainty leaves of soft green, covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about $1 / 4$ inch in diameter. Popular as an aquarium plant. Per portion, 25 c .
WATER FERN (Ceratopteris thalictroides). Though an aquatic species of the fern family, the leaves greatly resemble garden lettuce. Numerous small plants spring from the edges of the leaves, gradually building up a floating mass of some size. The new plants may be detached and grow to some 6 inches in diameter before starting to propagate. 50 c for 3 ; $\$ 1.50$ per doz.
SHELL FLOWER OR WATER LETTUCE (Pistia stratiotes). A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 50c for 2; $\$ 2$ per doz.
WATER HYACINTH (Eichhornia crassipes major). Shiny dark green leaves, the stems of which are expanded into pseudo bulbs, which serve as air chambers. The orchid-like flowers of lavender form a spike like that of the true hyacinth. Propagation is by means of runners at the surface, and the growth is so rapid that navigation is hindered in streams in the southern states where they grow profusely. It is, perhaps, fortunate that the plant is destroyed by frost. The long, bushy roots are excellent for receiving the spawn of goldfish; therefore, the Water Hyacinth may be used to advantage in pools of fair size. 50 c for 3 ; $\$ 1.50$ per doz.
WATER CHESTNUT (Trapa natans). A hardy annual resembling the Water Fern in form but with mottled leaves and small white flowers. The large seeds are spiked and armoured for protection while wintering at the bottom of the pond. Shipped only after June first. \$1 for 2 .; $\$ 5$ per doz.
WATER SNOWFLAKE. (Nymphoides indicum). A lily-like plant, the detachable leaves of which form new plants covered with dainty white flowers fringed like a giant snowflake. Shipped as floating leaf which soon sends down roots in shallow. water. 2 for 50 c ; $\$ 2$ per doz

## Collections

FLOATING PLANTS
No. 23A. Five Varieties for $\$ 0.95$
a Sman Pool ................
$\$ 1.95$ Seven Varieties

Plants
in $\$ 1.95$

## OXYGENATING PLANTS

No. 24A. For Small Pool, 20
Plants
(5
varieties) 1.95
No. 24B. For Large Pool, 60
Plants
(5 varieties)
v....... $\$ 4.95$


Hyacinth, Poppy, Taro and Spiral Palm in a harmonious grouping.

## Submerged or Oxygenating Plants

Whatever the size or style of the pool, you will wish the water to be pure and clear. Plants growing under water absorb impurities and release oxygen to destroy them. Oxygenating plants are indispensable when fish are present as they provide a perfect balance for the animal life. Submerged plants also provide cover and protection to baby fish should any be hatched in your pool. The use of submerged or oxygenating plants in aquariums is more fully discussed under the heading of oxygenating plants, page 43.

The plants listed below are equally suited for ponds, pools or indoor aquariums. The first four will grow without planting, but all do better if rooted in soil, in shallow water or planted in separate receptacle. Do not plant in same receptacle with lilies. (See pages 40 and 41 for descriptions.)
ANACHARIS (Elodea canadensis). 15c each: $\$ 1.50$ per doz.
CABOMBA (Fanwort). 15c each; $\$ 1.50$ per doz.
COON TAIL (Ceratophyllum). 15 c each ; $\$ 1.50$ per doz.
MYRIOPHYLLUM (Milfoil). 15c each : $\$ 1.50$ per doz.


Water Lettuce, Floating Heart, Water Snowflake, Salvinia and Duck Weed.

LUDWIGIA (Loosestrife). 15c each; \$1.50 per doz.
SAGITTARIA (Broadleaf). 15c each; $\$ 1.50$ per doz.
SOUTHERN SPATTERDOCK (Nuphar sagittaefolia). 15c each; \$1.50 per doz.
VALLISNERIA (Tape Grass). 60c per doz. : $\$ 4.50$ per 100.

## "WE RECOMMEND TRICKER PRODUCTS"

September 3, 1931.
"Gentlemen: We continually find pleasure in visiting the lily pool at the terminus of our Via Dolorosa. We feel that the credit for the beauty of the place must be ascribed to the Tricker, Inc., to a great extent. We can only marvel how faithfully the lilies bloom day by day. Among the different varieties we have Chromatelia. Gladstone and Aurora. Last year we added a Tricker Egyptian Lotus and we are now anxiously awaiting the opening Egyptian Lotus and we are now anxiously awaiting the opening
of the buds that have made their appearance. The yellow Water Poppies add a touch of bright color and the Pickerel Rush helps to fill out the empty spaces. We are proud of our lily helps to fill out the empty spaces. We are proud of our lily build one. Very truly yours, The Benedictine Sisters, Sacred Heart Convent, Yankton, S. D."

Order early and avoid disappointments. Early orders get first attention. We ship at the proper time to plant.

## SCAVENGERS for the Pool or Aquarium

THE plants in the water garden, just like all others that beautify your grounds, should be kept cultivated, fertilized and free from insects if they are to look their best. Scavengers are the housekeepers of the pool and relieve you of this responsibility-fish feed upon the insects; snails devour algae and green scum; tadpoles eat decayed matter, and clams or mussels act as continuous filters to keep the water clear
For your convenience we are listing some of the most valuable and interesting scavengers that keep pools and aquariums clear. See page 43 for oxygenating plants.
AUSTRALIAN RED SNAILS. (Isadora proteus).
Snails that are smaller and more active than the Coral variety. They are a bright scarlet in color. Their shell is curled like the African snail. An ideal aquarium novelty. 3 for $50 c ; \$ 1.75$ per doz.
JAPANESE SNAILS. (Vivaparus mallcatus).
These large, hardy snails should be in every pool and aquarium. They devour algae and green scum and thus help to keep the water clear. 2 for 25 c ; $\$ 1.25$ per doz. ; $\$ 7.50$ per 100 .
CORAL SNAILS. (Planorbis rubrum). (Illustrated in color on page 41). These are the finest aquarium snails in existence, and their coral red body and shell make them colorful as well as useful. Also known as Red Ramshorn or Copenhagen snails. 2 for 25 c ; $\$ 1.25$ per doz.
BLACK RAMSHORN SNAILS. (Planorbis cor-
neus). Medium sized snails with shell characteristic of the name. Very prolific egg layers and particularly useful in removing the algae ol green scum that forms in the sunlight. 4 for 25 c ; 60 c per doz. : $\$ 4$ per 100 .
MELANTHO SNAILS. (Melanopsis graellsi). Long spiral shells like the "Horn of Plenty." Active and hardy scavengers. 3 for 25 c ; 75 c per doz. ; $\$ 5$ per 100 .
GEOGRAPHIC TURTLES. The most popular item in this list
though admittedly more ornamental than useful. Little fellows about two inches across and with curious mosaic or maplike designs on both upper and lower shells. Like all water turtles they like to sun themselves and while waiting for lily pads to grow, they should have a rockery or floating board for this purpose. 2 for $35 \mathrm{c} ; \mathbf{\$ 1 . 7 5}$ per doz.
AMERICAN SALAMANDERS. A harmless species of water newt that may or may not be fireproof like its fabled ancestor. Golden brown with red lines and black dots on the back; yellow spotted with brown beneath. Closely related to the frog and fond of insects. 2 for $25 \mathrm{c} ; \$ 1.25$ per doz.
JAPANESE SALAMANDERS. A handsome type with black bodies and red vests. Like the above they are good insect-eaters. 2 for 50 c ; $\$ 2.50$ per doz.
FIRE SALAMANDERS. Large size European Salamanders, 3 to 5 inches long. A brilliant reddish yellow with jet black stripes on back and underneath. A unique addition to any pool. $\$ 1.00$ per pair.


BABY ALLIGATOR

Plan now to have an aquarium. Place in it some of these scavengers and a collection of our Tropical Fishes and you will be delighted with the fascination and beauty of it.

See page 44.

GREEN FROGS. Ornamental, likeable, and the
best insect trap ever known. When we see lily pads we expect to see a bull frog nearby. Any lily pads we expect to see a bull frog nearby. Any
size. 50 c per pair $: \$ 2.50$ per doz. These must be sent in shipping can.
TADPOLES. The younger generation of the frog
family that grow legs the first or second season; 3 inches long; active in devouring decayed matter and green algae. Entirely harmless to other fish and plants. 50 c per doz. : $\$ 3.50$ per 100 . Shipping can for one dozen or less $2 \overline{5}$; for more 50 c .
CLAMS or FRESH WATER MUSSELS. An effec-
tive remedy for green or cloudy water. The clam lives by filtering the solid nourishment out of great quantities of water, leaving it crystal clear. They onerate best in a few inches of soil or sand where they travel about occasionally and feed with whele they travel about occasionally and feed with of them and notice the difference in your pool. of them and notice the
2 for $25 \mathrm{c} ; ~$
$\$ 1.25$ per doz.
WEATHER FISH. A curious eel-like fish 4 to 6
inches long with a curious habit of inhaling sand and blowing it back through the gills. It is a most excellent scavenger, besides providing a natural cultivation for aquatic plants. $\$ 1.25$ per pair; $\$ 6.00$ per doz. Requires shipping can.
BABY ALLIGATORS. Little alligators about 10 inches long that soon become pets. They add a little Florida atmosphere. As they like tadpoles, stock your pool well. $\$ 1.50$ each ; $\$ 2.50$ ner pair.

## COLLECTIONS

## SCAVENGERS

For Aquarium or Sinall Pool (Collection No. 34A)
Half dozen cach of Tadpoles, Jap Snails, Black Ramshorn or Melanthos, two Clams and a pair of American Salamanders
with shipping can....
$\$ 1.85$
For Large Pool
(Collection No. 34B)
One dozen Jap Snails, one dozen Tadpoles, two four Salack Ramshorn or Melanthos, six Clams, Geographic Turs, and a pair each of Green Frogs and $\$ 4.45$

34C)
It is difficult to get too many snails, performing as they do the useful function of removing decaying vegctation and particularly the green scum-like growth of algae. Use two snails per square foot of bottom area. General assortment $\$ 1.35$ per doz.; $\$ 7.50$ per 100 .

PLANTS AND SCAVENGERS
(Collection No. 34D)
For 10 -gallon aquarium, 5 varictics of plants, 3 each of Jap, Coral, and Ramshorn or $\$ 1.85$ Melantho Snails..

Collection No. 34E)
For 18 -gallon aquarium. Sufficient plants in 7 varicties, 6 each of Jap, Coral and Ramshorn or
Melantho Snails.................................................... . . . $\$ 3.15$
(Collection No. 34F)
For 30 -gallon aquarium. Sufficient plants in 9 varieties, 6 Jap . 6 Coral, 12 Ramshorn or Melantho Snails, one pair Clans, $\mathbf{6}$ Tadpoles. ....................................................... $\$ 4.45$



JAPANESE SNAIL


CLAM WORKING IN SAND

Why take a chance on failure when you know you can order from Tricker and get goods guaranteed satisfactory?

## HARDY PLANTS for MARGINS

## Gay Colored Perennials

NATURE always sets hardy plants around a small pool, and along the banks of a sluggish stream. So far as possible this plan should be carried out with the artificial pool in the garden.
The question often arises as to what should be planted around the pool that will be in keeping with the aquatic plants. The answer can only be such perennials as will thrive in wet soil. Such a condition must be "made" around an artificial pool, but around a natural pond the place is already there. The following plants are most suited of all the hardy perennials for use under such conditions. Be sure to keep the ground around the artificial pool always moist. The luxuriant growth of these plants when plenty of moisture is available is astounding. Most of the perennials are grown in 3 and 4 inch pots, and when shipped from such are in best condition for planting. No roots are disturbed, as in digging from the field, and the plants quickly begin to produce results.

All perennials are $\$ 1$ for 4 ; \$2 per doz.

HARDY ASTERS. These hardy New England Asters are very showy, and by reason of their late flowering are very attractive around the pool. They grow easily under most conditions, but thrive particularly well where there is considerable moisture. Grow about 3 feet high.
A. Peggy Ballard. A dwarf hardy Aster, of delicate lavender blue.
A. Novae-angliae rosea. Pink-flowering variety of the well known hardy New England Aster.
A. Puniceus. A splendid variety for wet soil, and under such conditions grows quite tall, producing a wealth of lilac-blue flowers.

ASTILBE (Spirea). Graceful flower spikes of Spirea-like flowers; free-flowering and desirable.
A. Queen Alexandra. A beautiful hybrid of lovely pink.
A. Gloria. Deep pink. 2 feet.
A. Gruno. Salmon-pink flowers. Strong grower. 3 feet.

EUPATORIUM Coelestinum (Mistflower). Light blue. Very free-flowering. Late summer. 18 to 24 inches. Good cut flower.

## Collection of Hardy

 PerennialsWe offer a collection of 15 different plants from this list of beautiful and popular of beautiful 15 plants, our choice of varieties, $\$ 2.45$
(Collection No. 28)


Hibiscus

## BARGAIN OFFER OF JAPANESE IRIS Largest Flowering and Most Gorgeous of All Irises

Words cannot portray the rich beauty and exquisite coloring of the Japanese Iris flower. There is no flower you can plant at the edge of a pool, in a rock garden or in the border which will bring you more delight than Tricker's Japanese Iris, which we are offering here at a special
bargain price. These are strong bargain price. These are strong divisions of unnamed varieties ranging in color from pure white to richest purple.

3 strong plants, choice mixed varieties, 75c postpaid.
6 strong plants, choice mixed varieties,
postpaid. .................. $\$ 1.35$ e mixed 12 strong plants, choice
varieties.
postpaid................... $\$ 2.50$ postpaid.
Extra Heavy Clump, each 50c : per doz., $\$ 5$ (by express only).


The feathery panicles of Astilbe
E. Urticaefolium (White Snakeroot). Minute white flowers in dense heads : fine for cutting. A useful border plant of strong, free growth. 2 to $21 / 2$ feet high.

FILIPENDULA Palmata (Meadowsweet). Silvery pink flowers in broad, flat clusters, in June and July. Dark green foliage and purple-red stems and branches. One of the most useful hardy plants.
F. Ulmaria fl. pl. Has double white flowers during June and July. Grows about 3 feet high.
F. Venusta. A very desirable plant of this group growing comparatively tall, 4 to 5 feet. Its flowers are showy panicles, deep pink in color. extremely fragrant and produced in July and August.

HEMEROCALLIS Dr. Regel. Very early flowering; a rich golden yellow. One of the very best Day Lilies.
H. Dumortieri (Lemon Lily). Dwarf; flowers in June. The flowers are a rich cadmium-yellow but the buds and the reverse side of the petals are more of a bronze-yellow, making a pleasing contrast.

HIBISCUS. New hybrids not at all in the same
class with the type. The plants are vigorous and free-flowering, often exceeding 6 feet in height, branching, with monstrous flowers often 24 inches in circumference. Perfectly hardy in all sections of Canada as well as the United States. all sections of Canada as well as the United States. Our selection comprises the choicest deep crimson
shades, together with pink and white. These will shades, together with pink and white. These will succeed in any good garden soil, but attain perfection in the water garden on the margins of pools. Pink. White, Crimson. Mixed colors only.

HELENIUM Autumnale Rubrum (Sneezewort). A very attractive plant, growing 4 to 5 feet high with broad spreading heads of bright terra cotta flowers.
H. Pumila. Dwarf. Bright yellow flowers.

IRIS Siberica (Siberian Iris). Fine for marginal planting. Grassy foliage and purple flowers.
I. Siberica Snow Queen. Beautiful ivory-white flowers.

MYOSOTIS Scorpioides (Forget-Me-Not). A wellknown spring and summer flowering plant with small clusters of clear blue flowers with a yellow eye.

Our perennials are sturdy, field-grown plants which are sure to make a wonderful showing.

# BACKGROUNDS and BORDERS 

## Plants for Growing Among Rocks

Rock plants thrive under adverse conditions and are attractively used as a border edging for the pool itself or for a perennial bed that will hold a handful of soil will accommodate one or more interesting rock plants.

All Rock Plants are $\$ 1$ for 4 ; $\$ 2$ per doz.
ACHILLEA Boule de neige. Pure white flowers in great profusion all summer long.
ARABIS Alpina (Rock Cress). Low-growing. Small white terminal racemes in May. Continue to bloom a long timé.
CERASTIUM Tomentosum (Snow-in-Suminer). Low edging plant. Silver foliage and early white flowers. Showy.
DIANTHUS (Hardy Garden Pink). 12 in. A charming rock plant producing dark pink flowers like little carnations.
FESTUCA Glauca (Blue Fescue). Dense tufts of narrow-leaved grass, a pretty bright blue.
GYPSOPHILA Repens (Baby's Breath). Attractive trailing plant. Clouds of small white flowers in July and August.
IRIS Pumila. Dwarf. Blue, yellow or white. June,
IBERIS Sempervirens (Candytuft). Broad, wiry mats of dark, evergreen foliage. Mass of white bloom in May.
MYOSOTIS Alpestris (Forget-Me-Not). Busby, compact edging plant. Blue, Rose, or White.
NEPETA Mussini (Catmint). Dwarf, compact habit. Masses of beautiful lavender bloom all season
PLUMBAGO Larpentae (Leadwort). Dwarf, spreading habit. Covered with deep blue flowers during summer and fall.
PHLOX Subulata (Moss Pink). Moss-like, evergreen foliage. A mass of bloom in April and May. White, Blue, Lilac, or Pink.
SEDUM Acre (Golden Moss). Fine ground cover. Foliage green; flowers a pretty yellow.
SEDUM Stolonifera (Stonecrop). A very desirable spreading Stonecrop producing flat succulent leaves and pink flowers; a rapid grower.
SEMPERVIVUM Tectorum (Hen and Chickens). Broad rosettes. Leaves have reddish-brown tips; flowers pale red.
THYMUS Serphyllum coccineum (Thyme). Charming carpeting plant. A sheet of bright crimson flowers in midsummer.
TUNICA Saxifraga (Tunic Flower). Pretty tufted plant with light pink flowers produced all summer.
VERONICA Rupestris (Specdwell). Thick matting of green foliage. A cloud of bright blue flowers in April and May.
VIOLA Jersey Gem (Tufted Pansy). Splendid dwarf edging plants. Continuous bloom of a pure, rich violet. Slightly perfumed.

## COLLECTIONS of ROCK PLANTS

15 different rock plants, our selection from the above list, for $\$ 2.45$.
(Collection No. 29A)
50 rock plants, in not less than 15 varieties, our selection from the above list, for $\$ 7.50$.
(Collection No. 29B)

## ORNAMENTAL GRASSES

## Pleasing and Graceful

MISCANTHUS sinensis gracillimus. The most useful and desirable of all the Eulalias. Its long, narrow, graceful foliage with silvery midrib renders it a striking and distinct plant as a specimen or for grouping. $\$ 1$ for 3 ; $\$ 2.50$ per doz.
PENNISETUM Japonicum (Hardy Fountain Grass). Bright green, narrow foliage, 4 feet high. The cylindrical flower heads are tinged with bronzy purple. One of the most valuable Hardy Grasses. $\$ 1$ for $3 ; \$ 2.50$ per doz.
VARIEGATED RIBBON GRASS (Phalaris Arundinacea Var.). This attractive grass is splendid for use at the corners of your pool and at junctures of a walk. It is also fine for grouping around a large clump of Pennisetum, Jap Iris or Hemerocallis. The leaves are longitudinally striped with white and are very ornamental. 25 c each; $\$ 2$ per doz.

## HARDY BAMBOOS

The first thoughts for a tropical garden are Bamboos. They are hardy as far north as New York or Cleveland.
BAMBUSA AUREA. Close-jointed canes; leaves that are light, small and very graceful. \$1 each.
B. AURICOMA. A green and yellow variety that is very pretty. It will grow to 3 feet and make a rather compact growth. It is most effective when used in connection with the green-leaved varieties. \$1 each.
B. FORTUNEI. A dwarf variety that is about 18 inches high. The foliage is green and white. $\$ 1$ each.
B. JAPONICA. An interesting variety with broad green leaves. It grows 36 inches in height. \$1 each.

## HARDY FERNS for SHADY PLACES

Ferns which thrive under vigorous conditions such as foundation plantings, shady rockeries, or the margins of ponds. Collection includes 4 Ostrich Ferns, 4 Lady Ferns and 2 Osmunda Claytoniana Ferns. 10 Ferns for $\$ 3.50$. (Collection No. 27)

Two Collections ( 20 Ferns) for $\$ 6$.

## TWO INTERESTING POOLS

(Below) This picture was sent in by Mr. Wm. Toasland, of Lyndhurst, N. J. Note the hardy plants in the background. Mr. Toasland writes: "The two water lilies we bought from you were never without blooms and we were more than pleased with were never without blooms and we were more than pleased with many visitors to the pool and they all admire the lilies. We tell them all to pay you a visit."


[^0]only highest quality merchandise always.

## TRICKER'S ORNAMENTAL FISHES

## The most complete Department of its kind in America

WE WANT our readers to get better acquainted with this very extensive department of our business. Being the oldest and largest firm in the industry we have no doubt the most marvelous collection of gold and tropical fishes ever offered anywhere. Our aquariums are of our own design and manufacture, modern and beautiful. Our fish foods are the results of years of experience, scientifically compounded and balanced; none could be more satisfactory. And you will find everything you need in accessories for pool or aquarium.

## VISIT OUR DISPLAY ROOMS

It is impossible to portray here the genuine beauty of tropical fishes which are so popular these days for aquariums. We invite you to come and see for yourself what delightful offerings we have. Our new display room at Saddle River is as perfect as we could make it and shows the various fishes in all their glory and finery. At Independence the aquariums will likewise fascinate you.

Even if you cannot visit us you will never regret ordering from this department. Each order receives our most careful attention and you will find that Tricker service is a friendly service.

## FREE ADVISORY SERVICE

Our research department is headed by specialists long experienced in fish culture and aquarium management. They have prepared a pamphlet on the care and feeding of fishes which is sent free on request or with your order. We invite you to write us on any question you have where our advice can be of value to you. This service is free.

# GOLDFISHES 

## for Pools and Aquariums

THE water lily pool is always picturesque, but when you add gaycolored fishes-then your pool becomes the most alluring spot in the galden.
It was the oriental eye for the fantastic that first saw possibilities for beauty in the drab wild goldfish of old China, and oriental cunning that has brought to perfection the many beautiful goldfishes that we admire today. But it has remained for modern methods in our own country to bring the charm and flashing color of these interesting creatures within the reach of everyone for pool or aquarium. While many prefer the common and giant goldfishes for pools, the fancy types are much preferred by some, especially for the small pool

Most of the following types are sold in pairs. We exercise our best judgment in selecting pairs, but as it is sometimes difficult to etermine the sex of goldfish, we are unable to guarantee this facor. They are shipped to you in cans. A charge of 50 c for shipping can is made on small orders. Large special galvanized cans are eturnable by prepaid express at a cost of 20 c . In ordeling fishes read Terms and Policies opposite page 3. See also back of order blank.

FREE-With every shipment of fishes we send a pamphlet on their care and feeding.

IMPORTANT CAUTION-Do not put goldfish or other fishes in a new cement pool until the alkaline has been removed by draining the pool at least five times during the period of two weeks. The alkali may be neutralized by the use of strong vinegar, 1 quart to 100 gallons of water. Allow it to remain in the water for two or three days; then drain the pool and clean it thoroughly.
NOTE: The fishes shown in color on page 37 are fancy varieties
available in limited quantity. Prices will be sent upon application.
PRICES: Six of any yarietsof of goldath histect here, not priced or six, sold at the dozen rate.

## Ornamental Giant Fishes for Pools

YOUNG GIANTS. The young giant goldfish, not as fully ength from 8 to 9 developed as the older type. Varies in note to the pool and is excellent fir fish lends a dist note to the pool and is excellent for spawning. By the are usually a number of baby fish in the pool, just turning gold. $\$ 2$ a pair ; $\$ 5$ for six ; $\$ 9$ a dozen.


## AQUARIUMS and ACCESSORIES

GIANT GOLDFISH. Selected breeders 10 to 12 inches long. pool, these are the fish to buy. $\$ 4$ a pair : $\$ 10$ for six; $\$ 18$ a dozen.
GIANT COMETS. Giant goldfish of the single tail type, very active. Twelve inches in length. $\$ 5$ a pair $; \$ 25$ a dozen.
GIANT ORIOLES. This is a giant goldfish in the popular orange and black colors. (The Princeton colors!) Ten to twelve inches. $\$ 5$ a pair ; $\$ 25$ a dozen

GIANT PEARLS. Glistening, pure-white scales which occasionally have a spot of deep red. Ten to twelve inches. $\$ 5$ a pair; $\$ 25$ a dozen

## Other Types for Pools or Aquariums

SELECTED GOLDFISHES. Brilliantly colored and active. A fine strain prized for garden pools and ponds. Beautiful markings in black, white, red and silver:

2 to 4 -inch- $\$ 2$ a dozen.
4 to 6 -inch- $\$ 1$ for three ; $\$ 3$ a dozen.
6 to 8 -inch- $\$ 2$ for three $; \$ 6$ a dozen.
SELECTED COMET TAILS. Like selected coldfishes in coloring, but with longer, graceful fins and tails. Their rapid movement adds flashes of gold to the outdoor pool. (See illustration in color adds flashes.
on page 36. )

3 to 5 -inch- $\$ 1$ a pair ; $\$ 4$ a dozen.
6 -inch- $\$ 1.50$ a pair; $\$ 6$ a dozen.
JAPANESE CALICO FISHES (Shubunkin). The Japanese name "Shubunkin" means "Autumn Brocade." This is a fitting name, for the fishes are marked in a brocade pattern of glorious colors like autumn foliage, and even more varied. Blue is the predominating color, with mottled effects in red, gold, black, brown, lavender and white. Their active movement gives fine display of these colorings. 3 to 4 -inch- $\$ 2.50$ a dozen ; 4 to 5 -inch- $\$ 4$ a dozen ; 5 to 6 -inclı- $\$ 6$ a dozen.
CALICO FANTAILS. Marked like Shubunkin (Jananese $\$ 1, \$ 2$ and $\$ 3$ a pair ; $\$ 4, \$ 8$ and $\$ 12$ a dozen.
CALICO FRINGETAILS. Brilliantly mottled in blue, yellow, gold, silver, red and black, similar to the Japanese Calico Fish. A showy companion for Korean Fringetail. These can be had with or without Telescope eyes. (See illustration in color on page 36.) $\$ 3.50$, $\$ 5$ and $\$ 7.50$ a pair.
KOREAN FRINGETAILS. A proud and haughty beauty that inspires exclamations of delight. Colored deep red, some with black or white markings. Selective breeding has developed two complete fan tails that in the larger fishes are graceful and drooping. (See color illustration on page 36. ) $\$ 2$ and $\$ 3$ a pair: $\$ 8$ and $\$ 12$ a dozen. Breeders at \$5 up a pair.

JAPANESE FANTAILS. Similar to Korean Fringetails but smaller, with shorter and less perfect tails. Gold, white and black markings. $\$ 1$ and $\$ 2$ a pair ; $\$ 4$ and $\$ 6$ a dozen.

Small size in dozen lots only, $\$ 2.50$ a dozen.

## CHINESE TELESCOPE FISHES

These fishes add a weird touch of the unusual in both form and color to any collection of goldfishes. The "telescope" eyes have been bred into fishes of all colors, but it has been found impossible to develop any black fish (Moors) without the telescope eyes.

TELESCOPE MOORS (Black). This all-black Chinese fish is hichly prized and makes striking color contrast among brighter fishes. $\$ 1, \$ 2$ and $\$ 3$ a pair ; $\$ 4, \$ 6$ and $\$ 9$ a dozen
TELESCOPE REDS. This Chinese type is noted for its brilliant color and protuding eyes. $\$ 1, \$ 2$ and $\$ 3$ a pair: $\$ 4, \$ 6$ and $\$ 9$ a dozen.
TELESCOPE CALICO FANTAILS. Like the Shubunkin, of Japanese Calico Fish with vari-colored markings, fantail and odd protruding eyes. $\$ 1, \$ 2$ and $\$ 3$ a pair ; $\$ 4, \$ 6$ and $\$ 9$ a dozen

## Collections of Goldfishes

See note about sex of goldfishes in introduction, page 36 .
GOLDFISHES FOR THE SMALL POOL (No. 30E)
This combination supplies the necessary animal and fish life for a medium or small sized pool. The 14 fine fish wil brighten the pool with flashing color, while the scavencers help to keep the water clear. Collection includes: 12 Com mon Goldfishes, 2 Calico or Gingham Fishes, 6 each of Tadpoles, Jap Snails, Ramshorn Suails, 2 Clams and 2 \$4.95 American Salamanders, including shipping can.

GOLDFISHES FOR THE LARGE POOL (No. 30L)
Besides a fine selection of common and giant goldfishes for the large pool, this group includes the gorgeously colored Shubunkins and interesting Fantails. Collection of 32 beautiful fishes includes: 1 pr. Giants, 10 to 12 in. long, 2 pr Young Giants, $S$ in. long, 1 doz. Common Goldfishes, 4 to 6 in. long, 1 doz. Shubunkins, 3 to 4 in. long, and.$\$ 13.65$

## ORNAMENTAL COLLECTION (No. 30A)

Here is a real value in a collection of beautiful goldfishes. In addition to 1 pair each of Japanese Fantails, Calico Telescopes, Telescone Moors, Comets and Albinos, it also inciudes 1 pair of the beautifully colored Shubunkins and 1 pair of graceful Korean Fringetails. Also 1 pair Japanese Snails and graceful Korean Fringetails. Also 1 pair Japanese Snails and
1 dozen Black Ramshorn Snails. This collection of 14 fancy Gozen Black Ramshorn Snails. This collection of 14 fancy
Goldfish in all, 14 Snails and shipping can, $\$ 13.35 \ldots \ldots . . \$ 10$
value, for only............................... value, for only

GINGHAM COLLECTION (No. 30H)
"Six Little Rompers"-one pair each of Calico Shubunkins, Calico Fantails and Calico Telescopes : with 2 Neptune Chemical Shells, 1 box Fish-Vim Fish Food, and shipping $\$ 4.95$ can. $\$ 5.65$ value.

HOW TO LAND THE BIG ONES (No. 30D)
Why tell your friends about the big fish that fell off the hook? Show them some in your pool. One pair each Giant hook? Show them some in your pool. One pair each Giant
Goldfish, Giant Comets, Giant Orioles, and Giant
Pearls,


# EXOTIC and BEAUTIFUL TROPICAL 

## Tricker makes it easy for you to know and enjoy these small, active, brilliantly colored fishes gathered from all parts of the world

IF YOU have never seen a balanced aquarium with crystal clear water and a collection of tropical fishes, a most pleasant experience and surprise awaits you. Beautiful and unusual, even bizarre, with the lure of jewel tones, the many forms of tropical fishes hold a never-ending fascination for the beholder. Not only in form and color, but even in habits of life are they an absorbing study.

On pages 40 and 41 we illustrate in color about forty specimens of tropical fishes which are just a few of those comprising our list. So interesting are they all that tropical fishes are now the most popular aquarium fishes and are much in demand.

## Varieties Good for Pools

Many of the tropical fishes are desirable for pools. They are the natural enemies of mosquitoes and we offer a special collection of mosquito killers for this purpose, or single varieties may be purchased separately.

QUALITY. Except where young fish are specified, our prices are for average size adults. When available, extra large or
 select fish are quoted higher, as are mated pairs of some varie-
*The varieties of fishes that live together peacefully are marked (*) in the listing below.

## Live-Bearing Fishes

## From Mcxico and Central America

Unusually interesting in that they do not spawn but give birth to living young.

## *Mexican Swordtails

MEXICAN SWORDTAILS (Xiphophorus helleri). See No. 19, page 40. $11 / 2$ inches to 2 inches long. $\$ 1.25$ pair; $\$ 3.25$ for six ; $\$ 5$ dozen.
ORANGE SWORDTAILS. Same as Mexican, with orange colored tail. $\$ 1.50$ pair ; $\$ 3.75$ for six ; $\$ 6$ dozen.
CRESCENT SWORDTAILS (Xiphophorus rachovii). Black crescent at base of green tail. $\$ 1.50$ pair ; $\$ 3.75$ for six ; $\$ 6$ dozen.

TISHES in the pool will do better if fed three or four better if fed three or four
times a week with such foods as are suggested befoods
low.

When fishes are kept in the aquarium proper feeding of both goldfishes and tropicals is important. The best foods to use are those we offer on page 46. Feed according to the following suggestions:
Goldfishes should be fed about three times a week, varying their diet with Tricker's Dried Shrimp, In-nur-co. Fish Vim, Tonic Food, or angle worms when available. Do not feed goldfishes any more than they will clean up in ten to fifteen minutes, for they are soon killed by over-eating

Adult tropical fishes should be fed every day, varying their diet with Dried Shrimp, Dried Daphniae, Fish Vim, Tonic Food or occasional Enchytrae Worms. They will not over-eat but should not be fed more than they will clean up in fifteen minutes; Young tropicals should be fed a small amount of Tricker's Baby Hygiene Food, two or three times a day.

The morning hours are the best for feeding goldfish. Fish need extra oxygen to help digest their food. Some oxygen is liberated by plants in the aquarium during daylight hours but none at night, hence it is best to feed only once a day, in the morning hours, unless the aquarium is artificially aerated.

On page 47 we list aerating equipment which insures a plentiful supply of free oxygen in the aquarium at all times. When the aerating equipment is installed fish may be fed at night without harm. Lack of oxygen is one of the causes of fish troubles, hence the importance of installing aeration equipment.

IMPORTANT-See that no food is left in the aquarium as it will spoil and pollute the water. Better feed the right amount or draw off all excess food.

## When Winter Comes

Goldfish in outdoor natural ponds can be left there in winter. They may also be left in artificial pools if the pool
is deep enough or sufficiently protected to keep the water from freezing solid. The ice must be broken frequently so from freezing solid. The ice must be broken frequently so that the water does not become foul. It is best, however, to move the fish indoors into a gla
you to enjoy the fish all winter.

Tropical fishes should be kept over winter in an aquarium. You can crowd quite a few tropical fishes into small quarters. They should be removed from outside pools before temperature falls below 60 degrees. They will thrive in a room with a temperature of 70 degrees. An electric aquarium heater, as listed on page 47, will help keep your tropicals safely, when emergency heating is necessary.

## We Will Help You

In case of unusual trouble with your fish ask us about it, telling all details. Our research department keeps posted on remedies for fish diseases, breeding methods, and proper feeding. We will be glad to help whenever needed. See page 19 for list of helpful books.

## The Balanced Aquarium

The aquarium should be large enough for growing plants in the water to balance the fish life. A well balanced aquarium has plant life to provide oxygen, and the water is never, or rarely, changed. Snails and clams will keep the aquarium clean and the only care needed is the daily feeding. For best cean and the only care needed is the daily feeding. For best results, aquarium pliect sunlight. The action of sunlight upon organic not direct sunlight. The action of sunlight upon organic as algae, which is a green slime-like substance that is often as algae. which is a green slime-like substance that is often seen in aquariums. Besides forming this undesirable growth, sunlight warms the water and drives out much of its
oxygen content which is so essential to vigorous fish life.

The rule for goldfish is a gallon of water, or 20 sq . in. of water surface, for each inch of fish. If less, a part of the water should be changed when fish gasp at the top. In small aquariums change the water frequently according to the size and the number of fishes.

Tropical fishes will stand small and even crowded quarters and will thrive in well planted aquariums perfectly at home, will set up family life, and raise young.

We recommend the purchase of at least one book on ornamental fishes. See Books, page 19.

## Live Bearing Tropical Fishes-Cont.

RED HELLERI. See No. 36, page 41. Small : $\$ 1.50$ each ; $\$ 7.50$ for six ; $\$ 12$ dozen. Large: $\$ 2.50$ each ; $\$ 12.50$ for six ; $\$ 20$ dozen. In pairs: $\$ 5$.
GOLD HELLERI. Clear gold color. Males have sword-tail. \$2.50 pair ; $\$ 6.25$ for six ; $\$ 10$ dozen.
BLACK HYBRID HELLERI. Black body, blue scales on head; yellow eye. $\$ 2.50$ pair ; $\$ 6.25$ for six; $\$ 10$ dozen
RED HYBRID HELLERI. See No. 8, page 40. Black body, red and yellow scales; yellow eye. $\$ 2.50$ pair ; $\$ 6.25$ for six ; $\$ 10$ dozen.

## *MOONS, OR PLATYI

Any variety, unless other price stated ; \$1.25 pair ; \$3.25 for six ; \$5 dozen.
BLUE MOONS (Platypoecilus maculatus pulchra). See No. 2, page 40. Ultramarine with vertical bars of dark navy blue.

BLACK MOONS (P. mac. nigra). Jet black over most of body against a background of red; silvery scales near gills. GOLD MOONS (P. mac. aurea). See No. 10, page 40
PURE GOLD MOONS (P. mac. immaculatus). Plain gold. RED MOONS (Plat. mac. var. rubra). No. 9, page 40.
PURE RED MOONS. No. 23, page 41. Solid red, no markings. $\$ 2$ pair: $\$ 5$ for six; $\$ 8$ dozen

## *RAINBOW (PEACOCK) FISH, OR GUPPY

LEBISTES RETICULATUS. No. 16, page 40. Male is less than 1 inch long; female, larger and bulkier. Young are born in lots of twenty every four or five weeks and if kept separate in a tank stocked with plants. quite a few will mature rapidly. Two pairs for $75 \mathrm{c} ; \$ 1$ for six ; $\$ 1.50$ dozen.

## SEMI-HARDY LIVE-BEARING FISHES



LEOPARD FISH (Gambusia holbrooki). Active mosquito killer. Male motActive mosquito killer. Male motdozen.
*MOSQUITO FISH (Heterandia formosa). Males abuut $\$ / 8$ in.; females $1 / 2$ to $5 / 8 \mathrm{in}$. 35 c pair ; 90 c for six $; \$ 1.40$ dozen.
*SAILFINS (Mollienisia latipinna). No. 3, page 40. Medium: $\$ 1$ pair: $\$ 2.50$ for six; $\$ 4$ dozen. Large: $\$ 1.50$ pair; $\$ 3.75$ for six ; \$6 dozen
*BLACK MOLLIENISIA (M. sphenops var. nigra). See No. 33, page 41. Spotted: $\$ 3$ pair; $\$ 7.50$ for six; $\$ 12$ dozen. Large: $\$ 5$ pair ; $\$ 12.50$ for six ; $\$ 20$ dozen.

## Bubble Nest Builders

Also known as Labyrinth Fishes, found in Asia and tropical Africa. Male builds a nest of bubbles and watches over eggs and young.
*BETTA TRICKERI. No. 31, page 41. Medium: $\$ 3$ pair ; $\$ 7.50$ for six; $\$ 12$ dozen. Large: $\$ 5$ pair; $\$ 12.50$ for six; $\$ 20$ dozen.
*BETTA CAMBODIA (Veiltail Fighting Fish). No. 39, page 41. Medium: $\$ 2.50$ pair; $\$ 6.25$ for six ; $\$ 10$ dozen. Large: $\$ 4$ pair: $\$ 10$ for six: $\$ 16$ dozen.
*BETTA CYANA (Cornflower Blue Fighting Fish). Extraordinary vivid blue coloring ; very beautiful. $\$ 5$ pair ; $\$ 12.50$ for six ; $\$ 20$ dozen.
CHINESE WALKING FISH (Channa fasciata). Has lungs instead of gilis. Adult is 6 to 10 in. long; rich olive-brown with silvery dots. Pair:


Dwarf Gourami building bubble nest
\$2. Mated Pairs: \$5. Large PARADISE FISH (Makropodus opercularis). No. 7, page 40. Enemy of mosquito larvae. $\$ 1$ pair ; $\$ 2.50$ for six ; $\$ 4$ dozen
*POLLIES (Polyacanthus dayi). Like Paradise but smaller, more active. $\$ 1.50$ pair ; $\$ 3.75$ for six ; $\$ 6$ dozen.
*CROAKING GOURAMI (Ctenops vittatus). A novelty. Male makes a purring sound when courting. $\$ 3.50$ pair; $\$ 8.75$ for six: $\$ 14$ dozen.
*DWARF GOURAMI (Colisa lalius). No. 1, page 40. Peaceable and the gem of any collection. $\$ 2$ pair ; $\$ 5$ for six ; $\$ 8$ dozen.

STRIPED GOURAMI (Colisa fasciatus). Twice size of Dwarf, richer in coloring. $\$ 2.50$ pair; $\$ 6.25$ for six; $\$ 10$ dozen.
*THICK LIPPED GOURAMI (Colisa labiosus). Medium size, with thick lips. $\$ 2$ pair; $\$ 5$ for six; $\$ 8$ dozen.
*THREE-SPOT GOURAMI (Trichogaster trichopterus). No. 30, page 41. $\$ 1.50$ pair ; $\$ 3.75$ for six $; \$ 6$ dozen.

## Miscellaneous Tropicals CICHLIDS

This class of fish from Africa and South America guards well its eggs and young.
JEWEL FISH (Hemichromis bimaculatus). No. 20, page 40. Spawn freely on stones. $\$ 2.50$ pair ; Mated pairs: $\$ 4$. ORANGE CHROMIDE (Etroplus maculatus). No. 15, page 40. Very prolific. $\$ 2$ pair; Mated pairs: $\$ 3.50$.
STRIPED CHROMIDE (Pelmatochromus). Light brown to brownsh yellow body. Fins with several black spots edged with yellow. $\$ 2.50$ pair; $\$ 6.25$ for six ; $\$ 10$ dozen.
STRIPED ACARA (A. portalegrensis). Round-bodied and according to mood it appears to have single horizontal stripe or series of vertical bars on brown. $\$ 2.50$ pair; Mated pairs: $\$ 4$.
BLUE ACARA (A. coeruleopunctata). No. 22, page 41. Steel blue, with lighter flecks; fins edged with red. Mated pairs: \$4: maller size: $\$ 2.50$.
ACARA CURVICEPS. Brilliant silver-blue with orange and red dots. Mated pairs: $\$ 4$; smaller size: $\$ \mathbf{2 . 5 0}$.
CHANCHITO (Heros facetum). The best known Cichlid. Vertical black bars on olive body. Mated pairs: \$4; smaller size: $\$ 2.50$. HEROS SPURIUS (Cichlasoma severum). No. 26, page 41. Fins are striped and dotted. Mated pairs: $\$ 4$; medium size: $\$ 2.50$. *ANGEL FISH (Pteropyllum scalare). No. 21, page 40. It prefers temperature 70 degrees or above. $\$ 2.50$ pair $; \$ 6.25$ for six ; $\$ 10$ dozen. Large: $\$ 5$ pair; $\$ 12.50$ for six ; $\$ 20$ dozen
GEOPHAGUS BRAZILIENSIS. No. 35, page 41. A colorful fish from Brazil. $\$ 2.50$ pair ; $\$ 6.25$ for six ; $\$ 10$ dozen.
*EGYPTIAN MOUTH BREEDER (Haplochromis strigigena). Eggs are carried in mouth of female. Mated pairs: $\$ 2.50$; smaller size: $\$ 1.50$.
*TILAPIA MACROCEPHALIA. A new and interesting mouth breeder, very handsome and peaceful. Mated pairs: \$2.50; maller size: $\$ 1.50$.
MESONAUTA FESTIVUM. An oddly formed fish, usually brassyellow; fins yellow or yellowish brown. Conspicuous black band from mouth to tip of dorsal fin; black spot at base of tail. Large Pairs: $\$ 10$; Smaller Pairs: $\$ 5$.

## THE BARBS

These belong to Cyprinidae family, and are most satisfactory aquarium fishes. Spawn on plants like goldfish.
*ROSY BARB (Barbus conchonius). No. 13, page 40. Large glistening scales. $\$ 1$ pair; $\$ 2.50$ for six ; $\$ 4$ dozen.
*STRIPED BARB (Barbus semifasciolatus). No. 24, page 41. \$1.25 pair; $\$ 3.25$ for six; $\$ 5$ dozen
*FLYING BARB (Esomus malaynesis). No. 11, page 40. Can leap great distances. $\$ 1.25$ pair ; $\$ 3.25$ for six ; $\$ 5$ dozen.
"IRIDESCENT BARB (Barbus oligolepis). Red and silver marking; fins edged with black. $\$ 2$ pair $; \$ 5$ for six; $\$ 8$ dozen.
*SILVER BARB (Barbus ticto). Scales of burnished silver. $\$ 1.25$ pair ; $\$ 3.25$ for six ; $\$ 5$ dozen.

## DANIOS

Popular because of active movement and flashing colors. Native to India, Ceylon and Malabar Coast.
*ZEBRA FISH (Danio rerio). No. 12, page 40. Constantly in motion. $\$ 1$ pair; $\$ 2.50$ for six; $\$ 4$ dozen.
*PEARL DANIO (D. albolineatus). No. 29, page 41. Iridescent mother of pearl and opal tints. $\$ 1.25$ pair; $\$ 3.25$ for six; $\$ 5$ dozen.
SPOTTED DANIO (D. analipunctatus). Like Zebra Fish but with dark blue dots. $\$ 1.50$ pair ; $\$ 3.75$ for six ; $\$ 6$ dozen.
*GIANT DANIO (D. malabaricus). No. 14, page 40. \$2 pair; §5 for six; $\$ 8$ dozen

## Unusual Varieties of Tropical Fishes

We usually have available specimens of unusual varieties such as Psettus, Periophthalmus, Scatophagus, etc., but due such as Psettus, Periophthalmus, Scatophagus, etc., but due to the uncertainty of supply we are unable to list them at definite prices. If you are interested in rare write us for quotation.


## Beautiful Tropical Fishes for Aquariums



Listed below are the names and page references of these Tropical Fishes.

## LIVE BEARING VARIETIES

(23) Pure Red Moons, page 39
(33) Black Mollienisia, page 39.
(34) Belonesox Belizanus, page 39.
(36) Red Helleri, page 39.

SNAILS
(40) Coral Snail, page 33.

## BUBBLE NEST BUILDERS

(31) Betta Trickeri, page 39.
(39) Betta Cambodia, page 39.
(30) Three Spot Gourami, page 39.

## CICHLIDS

(22) Blue Acara, page 39.
(26) Heros Spurius, page 39
(35) Geophagus Braziliensis, page 39.

## MISCELLANEOUS

(25) Australian Rainbow Fish, page 42 (24) Striped Barb, page 39.
(29) Pearl Danio, page 39.
(27) Tetra Von Buenos Aires, page 42.
(38) Pristella Ridlei. page 42.
(37) Haplochilus Rubrostigma, page 42
(28) Haplochilus Von Madras, page 42 (32) Rasbora Heteromorpha, page 42.

We deliver only strong, healthy fishes which, if given the right care, will surely flourish in your aquarium.

## CHARACINS

Found in Central and South America. They deposit eggs on plants
*TETRA VON RIO (Hyphessebrycon flammeus). No. 4, page 40. $\$ 1.50$ pair; $\$ 3.75$ for six : $\$ 6$ dozen.
TETRA VON BUENOS AIRES (Hemigrammus caudovittatus). No. 27, page 41. $\$ 1.25$ pair; $\$ 3.25$ for six ; $\$ 5$ dozen.
*COPPER SPOT TETRA (Hemigrammus ocellifer). Copper spot at base of spine. $\$ 2.50$ pair ; $\$ 6.25$ for six; $\$ 10$ dozen.
*SILVER TETRA (Ctenobrycon spilurus). No. 6, page 40. $\$ 1.25$ pair; $\$ 3.25$ for six ; $\$ 5$ dozen.
*YELLOW TETRA. Body rather dark yellow above, silvery beneath. A vertical strip of bright metallic green bordered with dusky bars near fore part of body. $\$ 1$ pair ; $\$ 2.50$ for six; $\$ 4$ dozen.
*HEMIGRAMMUS UNILINEATUS. Glistening silver green ; fins edged with black and white, with oblique black line. $\$ 2$ pair;
$\$ 5$ for six; $\$ 8$ dozen.
*PRISTELLA RIDLEI. No. 38, page 41. Tiny, with barred red, black, white and yellow fins. $\$ 2.50$ pair; $\$ 6.25$ for six; $\$ 10$ dozen.
*BLOOD FIN (Aphyocharax rubriprinnis). Silvery pearl scales and blood red fins. $\$ 2.50$ pair ; $\$ 6.25$ for six ; $\$ 10$ dozen.

## CYPRINODONTIDAE

From Central and South America, Europe, Africa and Southern Asia. Most oddities in fishes suitable for aquariums are in this group.
*AUSTRALIAN RAINBOW FISH (Melanotaenla nigrans). No. 25, page 41. $\$ 3$ pair ; $\$ 7.50$ for six ; $\$ 12$ dozen.
AMERICAN FLAG FISH (Jordanella floridae). No. 17, page 40. 75 c pair ; $\$ 1.90$ for six ; $\$ 3$ dozen.

Nest Building Sticklebacks.
*CHRIOPEOPS. Elongated, with horizontal blue, black and silver bars. 75 c pair ; $\$ 1.90$ for six ; $\$ 3$ dozen.
*GOLDEN FUNDULUS (Fundulus chryosotis). No. 18, page $40, \$ 1$ pair ; $\$ 2.50$ for six ; $\$ 4$ dozen.
HAPLOCHILUS CHAPERI. Small but brilliant; green with dark bars. Male has scarlet bar under mouth. $\$ 2$ pair ; $\$ 5$ for six ; $\$ 8$ dozen.
HAPLOCHILUS PLAYFAIRI. The males are green and gold ; females olivaceous. $\$ 2$ pair ; $\$ 5$ for six; \$8 dozen.
HAPLOCHILUS RUBROSTIGMA. No. 37, page 41. Elongated, with green lines, gold dots. $\$ 2$ pair $\$ 5$ for six ; $\$ 8$ dozen.
HAPLOCHILUS VON MADRAS. No. 28, page 41. Tiny, with gold and red dots on green. \$2 pair $\$ 5$ for six ; $\$ 8$ dozen.
*PANCHAX PANCHAX. A new colorful novelty. $\$ 2$ pair; $\$ 5$ for six ; $\$ 8$ dozen.
*RASBORA HETEROMORPHA. No. 32, page 41. Beautiful and very rare. $\$ 7.50$ pair ; $\$ 18$ for six ; $\$ 30$ dozen.

## Miscellaneous Fishes

Not tropicals but interesting fishes for the aquarium.
*CARDINAL FISH (Chrosomus erythrogaster). No. 5, page 40. \$1 pair; $\$ 2.50$ for six ; $\$ 4$ dozen.
NEST BUILDING STICKLEBACKS. Interesting; excellent mosquito killers in pool. $\$ 1$ pair ; $\$ 2.50$ for six ; $\$ 4$ dozen.
BLACK BULLHEADS. Jet black; long whisker-like feeler. Will live with goldfish. $\$ 1$ pair; $\$ 2.50$ for six ; $\$ 4$ dozen.
*FRESH WATER FLOUNDERS. For complete description of this new introduction see page 18. \$2.50 pair. (Semi-Tropical.)
*BRAZILIAN CATFISH (Corydorus specie). See complete description on page 18. $\$ 2$ pair. (Tropical.)
GOLDEN ORF. See page 18.

## Collections of Tropical Fishes

Realizing that the true fish fan is never satisfied with one or two varieties of these interesting tropicals, we are making it easy to get a small collection at one time.

MOSQUITO KILLERS-Maybe you do not care so much about fish but you are sure to be dead set against mosquitoes. The wrigglers that appear in every pond, puddle or rain barrel are the natural food of fishes. Place a few fishes in your pool puddle or rain barrel are the natural food of fishes. Place a few fishes "'scrubs" that or in a nearby water hole. Each year we have a lot of poorly colored "scrubs that fail to meet our standards of aquarium fishes. The tropical scrubs cannot, of course, be placed outdoors until the water temperature is likely to be maintained a 65 degrees or more. We offer these good active mosquito-killing fishes at $\$ 2.50$ per dozen, including their shipping can. For those who wish mosquito killers quite early in spring, we offer the hardier types which can be shipped at any time. The silver furnished if preferred. Hardy mosquito-killers, $\$ 12.50$ per hundred. (Collection No. 55)
HARMONY COLLECTION-One pair each of seven varieties of our choice. This collection usually includes Swordtails, Moons, Barbs, Danios, Flag Fish, Fundulus, Silver Tetra, Chaetodon and shipping can. May be accommodated in 12 gallon aquarium. Fourteen fish and shipping can for $\$ 7.50$. (Collection No. 51)
LIVE BEARING COLLECTION-One pair each of six varieties of fish that bear their young alive. Swordtails, Rainbows, Sailfins, several varieties of Moons, and a pair of the rare Black Mollienisias. This collection may be accommodated in a 12 gallon aquarium. Twelve fish and shipping can for $\$ 7.50$. (Collection No. 52)
45 DEGREE COLLECTION-One pair each of six varieties that will stand reasonably low temperatures and may be kept with goldfishes. Includes varieties like Sailfin, American Flag, Chaetodon, Cardinals, Medakas, Barbs, Fundulus, and Weather Fish. Suitable for 18 gallon aquarium. Twelve fish and shipping can for $\$ 7.50$. (Collection No. 53)


Jewel Fish (above) Zebra Fish (below).

THE BEGINNER'S COLLECTION-16 Tropical Fishes, 8 kinds; one pair each of Mexican Swordtails, Red Moons, Blue Moons, Silver Tetra, Zebra Fish, Paradise, Rosy Barbs and Rainbows; also Jap Snails. Complete with Eureka Aquarium No. 112 or Imperial Aquarium No. 710 (see page 45), aquarium plants, aquarium grit, one box each of Tricker's Dried Shrimp and Fish Vim Foods, one aquarium thermometer, ChilChaser Heater, and book, "Modern Aquarium," by W. T. Innes, on care of fishes. (Collection No. 57) \$24.
With Deluxe No. 211 Aquarium instead of Eureka, \$4 extra.
AMAZON COLLECTION-Ten specimens of five different
species, illustrated and described on page $44, \$ 7.50$.
(Collection No. 60)

SILVER ANNIVERSARY COLLECTION-As a special feature of our Silver Anniversary we offer this extra fine collection of five pairs of selected fishes, our selection of varieties which live peaceably together. We guarantee this collection to be worth at least $\$ 10$, and believe it will be better than if you select the varieties yourself. Ten fish and shipping can for $\$ 7.50$. (Collection No. 62)
DANIO COLLECTION-The Danios as a group are the liveliest of aquarium fishes. Their constant motion makes the aquarium alive with flashing colors. Collection consists of one pair each of Zebra Fish, Spotted Danios, Pearl Danios and Giant Danios. Eight fish and shipping can for $\$ 5$. (Collection No. 61)

We furnish a pamphlet on the care of fishes and aquarium management free with your order.

TO INSURE proper living conditions for your fish and to keep the water pure and clean, water gardens and aquariums should be planted with suitable oxygenating plants which absorb the impurities and liberate oxygen. With these plants you can provide a balanced condition of plant and animal life and remove the need for changing the water often. When these plants have been used we have known aquariums to be in perfect condition after two years without a single change of water.
We offer suitable collections of the right varieties to balance the aquarium. In these collections are Vallisneria, which has long, collections are Vallisneria, which has long,
ribbon-like leaves: Sagittaria, a strong grow-ribbon-like leaves; Sagittaria, a strong growing plant with dark green leaves, one of the best oxygenators known and strikingly ornamental ; Salvinia, a floating plant, and others. Place an inch or two of well washed sand in the bottom of the aquarium and in this plant several varieties of water plants. Plant the Vallisneria around the sides and back, and Sagittaria just in front of the $a l l i s n e r i a, ~$ and bank the sprigs of other plants in the corners and at other points for orname

## The Best Oxygenators

Under this heading we list those plants which are most valuable for supplying the necessary oxygen in pool or aquarium.
VALLISNERIA. Long, ribbon-like leaves. 60c per doz.; $\$ 4.50$ per 100 .
ANACHARIS. Dark green foliage; lighter stems. 15c each; \$1.50 per doz.
CABOMBA. Glossy green, fan-like leaves. Stems red or green. 15c each; $\$ 1.50$ per doz.
MILFOLL (Myriophyllum). Fine, needle-like green leaves in bushy formation, giving appearance of plumes. A favorite for fish spawning. 15c each; $\$ 1.50$ per doz.
HAIR GRASS. Will carpet your aquarium with two inch grass needles. Ideal for protecting eggs and young fish. 50c for 25 plants.
SAGITTARLA SINENSIS. Dark green leaves; strong-growing plant. 15 c each; $\$ 1.50$ per doz, ; $\$ 10$ per 100.
SAGITTARIA SUBULATA. Dwarf. 75 c per doz. ; $\$ 5$ per 100 .
SOUTHERN SPATTERDOCK. Broad, light green leaves; very ornamental. 15 c each ; $\$ 1.50$ per doz.

## Collections

of oxygenating plants sufficient to balance aquariums of different sizes.
(Collection No. 35A)
SEVEN VARIETIES of aquarium plants including the best oxygenators, such as Anacharis Sagittaria, and Vallisneria in sufficient quantity to balance a 10 -gallon aquarium. Postpaid $\qquad$ . . . . . . . . \$1.10
(Collection No. 35B)
For 18-gallon aquarium-7 varieties described above ...... $\$ 2$
(Collection No. 35C)
For 30-gallon aquarium-9 varieties described above..... $\$ 3$

## Floating Plants

If your fish collection includes some Bubble Nest Builders (Labyrinth Fishes) we recommend the addition of some floating plants. SALVINIA. See Floating Plants, page 32.
AZOLLA. Surface-growing plant with dark green or red leaves.
UTRICULARLA MINOR. Masses of green threads with very tiny air bladders. Commonly used for spawning fishes like Haplochilus and Rivulus.
FLOATING ELODEA. Rapidly forms a thick jungle of leaves several inches below the surface. Best protection for young fishes.
CRYSTAL WORT. (Riccia fluitans). Dense grower. Protects young fishes.
Price of above 5 Floating Plants: 25c per portion.

## Ornamental Varieties

While all oxygenating plants are attractive, this group includes those which are really more ornamental than useful.
CRYPTOCORYNE. Thrives in deep shade. Graceful, dark green leaves. 75c each; $\$ 2$ for $3 ; \$ 7.50$ per doz.
LUDWIGIA. Foliage green above; pink beneath, 15 c each; $\$ 1.50$ per doz.
HERPESTIS AMPLEXICAULIS (Incorrectly known as Bacopa). A splendid plant for cold or warm water aquariums. Its thick. bright green leaves are borne in alternate pairs on a stout stem. It is not a rapid grower and, therefore, quite desirable. 15c each; $\$ 1.50$ per doz.
PARROT FEATHER. The growth above as well as below the surface offers ideal protection for the nests and young of Paradise Fishes. 15 c each ; $\$ 1.50$ per doz.
UMBRELLA PALM. Lends a touch of tropical atmosphere. Best grown in pots only partly immersed. 35c each; $\$ 1$ for 3.
WATER HYACINTH. Dark green leaves which are supported on the surface of the water by small bulbs. 15 c each ; $\$ 1.50$ per doz.
SHELLFLOWER (Pistia stratiotes). Blue-green leaves in the form of a rosette. 50c for 2; \$2 per doz.
WATER POPPY. A very satisfactory ornamental plant that will bloom in the aquarium. Does best in pots of soil. 15c each; $\$ 1.50$ per doz.
WATER SNOWFLAKES. Floating leaf plants with feathery white flowers above the water. 25 c each.

[^1]
## DRESS UP YOUR HOME WITH

## - For sheer loveliness and year 'round fascination

FIISH in their glass houses make a most effective addition to the decoration of living room or sun room of a home. Jewel colors constantly shifting through the swaying fronds of aquatic plants in a setting of crystal-clear water-this is the reward of the owner of a home aquarium stocked with tropical fish. Nor is the effort involved too heavy. The carefully planted and well balanced aquarium needs almost no attention except the occasional addition of a little fresh water to replace that lost by evaporation, and of course a small quantity of fish food supplied once a day.

## New Low Prices Place Tricker Aquariums Within the Reach of Everyone

Never before have we been able to offer our fish and supplies at such amazing low prices. This has been made possible by our increased facilities and scientific methods of breeding. For a small investment you can bring to your home a new world in miniature, complete unto itself in a glass house. Our aquariums are made in the manner which we know will give you the most satisfaction. They are strong, attractive in design and economical. Install a Tricker aquarium in your home and you will never regret it whether it be for goldfish or for tropicals. Both make the most delightful pets without the fuss or trouble that most other pets give.


No. $510-30 \times 8 \times 10$ in. -10 gal., designed for home windows; has polished aluminum frame, slate bottom, reinforced with alum-
inum bars. Illustrated above $\$ 15.00$.

Children especially are attracted by the strange world of fish life. An aquarium for them is a wonderful source of entertainment and education.

It pays to start with a good aquarium. Tricker's aquariums are strong, good looking and inexpensive.

## A BEAUTIFUL AQUARIUM

There is nothing quite equal to the balanced Aquarium


DE LUXE AQUARIUM
Undoubtedly the finest constructed aquarium on the market. It has all the good features of a sturdy aquarium with refined and ornamental lines. It is attractive enough to enhance any room regardless of the furnishing scheme. Its cast aluminum frame, highly polished, supports glass sides without metal upper edge. The glass has bulb edge, a perfect finish to the aquarium. No. 206-16×9×10-6 gal.. . . . . . . . . . $\$ 12.50$

With DeLuxe Stand.
32.50

With Imperial Stand
20.00
$\$ 16.00$

No. 211-20×11×12-11 gal 16.00
35.00

With Impere Stand. Stand 24.00

No. $218-24 \times 12 \times 14-18$
24.00
$\$ 22.50$

With DeLuxe Stand.
32.50

No. $230-31 \times 14 \times 16-30$ gal. Has 1 einforcing bars across top and metal base bottom for additional
strength . . . . . . . . . . . . . . . . . . . . . $\$ 45.00$
With DeLu.i Stand


## EUREKA AQUARIUM

Another economical design in an aquarium for all purposes. It has such desirable features as double strength glass, slate bottom, ornamental polished aluminum corners and feet, and heavy angle drawn aluminum frame. Its simple lines are very pleasing and harmonious.
No. $107-171 / 2 \times 10 \times 10-7$ gal.. . . . . . . . $\$ 9.50$
With Imperial Stand.................. 16.50
No. $112-201 / 2 \times 12 \times 12-12$ gal.......... . $\$ 12.00$
No. $120-241 / 2 \times 13^{1 / 2} \times 13^{1} / 2-20$ gal........ $\$ 15.00$
With Imperial Stand................ 24.00

## TRICKER'S MODERN AQUARIUMS

Beautiful, Inexpensive Sturdy and Practical

THIS attractive line of aquariums is Trickerdesigned and Tricker-built. There is a style to meet every need and every purse. All are modern in line and built to give service and satisfaction, having been developed after years of experimenting. Any Tricker aquarium will harmonize well with the furnishings of your home. It is much better to buy a strong aquarium such as these which will give years of service than to buy a light, cheap product of questionable durability.


NOTE: We also stock many other all glass aquariums for special interior decoration. etc. If you wish a tank of special design, size or proportion to carry out a
decorative motif write to us. We may be able to help you.


Those who want a good serviceable aquarium sturdily built and yet inexpensive will find this one just the thing. It is designed and constructed to give the maximum capacity and appearance when planted and stocked with fish. Made of angle aluminum with slate bottom and double strength glass all the way through. Available in five convenient sizes.
No. $303-13^{1 / 2 \times 61 / 2 \times 7^{1 / 2}-23 / 4}$ gal....
Useful for separating fishes or ... $\$ 3.50$ newly hatched fish. No stand available. No. $304-16 \times 8 \times 91 / 2-4$ gal.............. $\$ 5.00$ No stand available.
No. $306-181 / 4 \times 8.3 / 1 \times 103 / 4-6 \mathrm{gal} . . . . . . . \$ 6.00$ With Imperial Stand.................. 13.00 No. $308-191 / 2 \times 93 / 4 \times 113 / 4-8$ gal......... $\$ 7.00$ With Imperial Stand................ 14.50 No. $310-211 / 2 \times 101 / 2 \times 12 \frac{1}{4}-10$ gal..... $\$ 8.50$ With Imperial Stand........ 16.50

## HANDY AQUARIUMS

$10 \times 6 \times 7$ in. $-11 / 2$ gal. For pairs of tropical fishes or young fishes. Dull green frames and glass bottoms. \$1.25 each; $\$ 12 \mathrm{doz}$.
HANDLING OR SEGREGATING AQUARIUMS. Of best quality imported glassware. Very convenient for segregating single specimens. Size 4x4x7 inches. 50 c each; $\$ 5$ doz.


## NEW IMPERIAL AQUARIUM

Sturdy steel construction, lacquered in duotone to harmonize with your appoint ments. Heavy plate glass with bulb edge. No. $710-233 / 4 \times 93 / 4 \times 123 / 4-10$ gal.. . . . . $\$ 8.00$ Ornamental stand to match..
Glass cover ................................ 50 Complete with stand and cover.... 15.50 AQUARIUM STANDS. As illustrated, may deduct purcium price from combined price, f stand with aquarium The Imperial of stand whal Stands match the finish of Imperial Aquari ums. The Deluxe Stands are finished in Pompeian green with antiqued copper. ornament.

## WINDOW DISPLAY AQUARIUMS

imperral window display aqua-
RIUM. Same finish and construction as New Imperial Aquarium, for window seats, etc.
No. $806-261 / 2 \times 81 / 2 \times 101 / 4-6$ gal...... $\$ 8.00$ Ornamental stand to match........ 8.00 Glass cover 8.75


No. 510-30×8×10-10 gal. This larger size is another popular number with us. see With Imperial Stand............... 23.00 No. $606-251 / 2 \times 75 / 3 \times 9-6$ gal., especially designed for windows. Glass partitions may be put in these aquariums for separating different varieties of fish. Made of angle aluminum with slate bottom and double strength glass. Atractive and ornamental. (Illustrated below)......... $\$ 9.50$ With Imperial Stand.................... 16.50

## Dependable FISH FOODS



THESE foods are prepared and tested in our laboratory by our chemist and have proven excellent for both young and mature fishes.
IN-NUR-CO. A prepared cereal and meat food that is a practical, balanced ration for goldfish. We make and use it ourselves. This type of fish food has become very popular. It is easy to use and is effective and satisfactory.
Especially valuable in pools where plants and roots are scarce. Small tins, 15 c ; $1 / 2 \mathrm{lb}$., 50 c ; 1 lb ., 95 c ; $6 \mathrm{lbs} ., \$ 4.50$.
FISH-VIM. For tropicals and goldfishes. Contains vitamins and necessary elements for growth and health of fish. Tin, 20 c . TONIC FISH FOOD. For fish in poor condition ; accelerates growth of young and induces breeding. Tin, 25c.
HYGIENE BABY FISH FOOD. A food specially prepared for young and growing fish. Tin, 25 c .
DRIED SHRIMP. An excellent concentrated food, consisting of the meat of the sea shrimp. An every day food for Goldfish or Tropicals. Tin, $15 \mathrm{c} ; 1 / 2 \mathrm{lb}$., 40 c ; 1 lb ., 75 c ; $6 \mathrm{lbs} ., \$ 4$.
DRIED DAPHNIA. Carcasses of the tiny crustaceans of water fleas that are the natural sustenance of all baby fishes. Essential in raising young Tropicals. Tins, 20c; Pint, $\$ 1$; Quart, $\$ 1.75$.
ENCHYTRAE WORMS. Small, thread-like worms that are the only practical living food for tropical fish the year around. The worms are easily raised in a mixture of leaf-mold and light soil by feeding with moist bread or boiled potatoes. Single portion, 40 c ; Double portion, 75 c .

## Reliable FISH REMEDIES

WE have made a special study of the
of aquamaladies of aqua-
rium fishes and shall be glad to give you the benefit of our experience. If interested ask for our
 folder describing symptoms and methods of curing. The remedies listed below should be kept on hand at all times.
AQUARIUM CONTROL AND TESTING KIT. This complete outfit for testing the acidity or alkalinity of water contains 1 color chart for comparing tests, 1 ounce dropper bottle Bromothymol specimen, 1 glass marking pencil, 1 record chart, full directions for making test and 1 bottle of Acid Sodium Phosphate for correcting alkaline conditions. Also 1 bottle Sodium Bicarbonate for correcting acid conditions. (Note: Bromothymol Blue indicator
covers pH range from 6.0 to 7.6 .) Complete testing kit.......... $\$ 2$ TURK'S ISLAND SEA SALT. A tonic beneficial for all minor ills. Use 2 tablespoons per gallon and leave fish in bath for several days. Boxes 20c; 35c per pint carton; 50c per quart.
GERMAN FUNGUS CURE. An antiseptic tonic and healing preparation for all fish diseases where the fins are flayed or the scales coated with scum or fungus growth. Fish may be left in the bath indefinitely without injury. Preventive treatment is always advisable after the trip in the shipping can. Box, 20c; pint, 35c; quart, 50c.
AQUARIUM DEODORANT AND OXIDIZER. An active disinfectant and deodorant. Use in solution, tinting water a faint pink color, repeating when color disappears. Destroys Algae in the pink color, repeating when color disappears. Destroy
C. D. T. COMPOUND. Our new fish remedy, water neutralizer and water purifier for aquariums and pools. Five drops per gal. and kills Fish Lice without injuries to the fish. Excellent to treat infested fish either in pools or aquariums. Advisable to have a bottle of this remedy on hand at all times. 1 oz . dropper top bottle for aquariums, 40 c ; 3 oz . bottle for pools, 75 c .
ICHTHYOPHTHERIUS REMEDY. Two drops per gallon will destroy the "Ich" parasites in five days without injuring the plants or fish. Advisable to increase and maintain a uniform temperature of 75 to 80 degrees for tropical fish. 50c per bottle in special dropper outfit.

NEPTUNE SHELLS. Water purifiers: contain chemicals which
neutralize excess acid or alkali in the water, purifying it and destroying germs. The pink counteracts Ichthyophtherius; the blue kills Pathogenic germs. 10 c each.

## COLLECTION <br> f Fish Foods and Pemedies

Includes 1 tin In-Nur-Co, 1 tin Dried Shrimp, 1 tin Fish-Vim, 1 pint Turk's Island Sea Salt, 1 box Fungus Cure, 1 bottle Aquarium Deodorant and Oxidizer, and 1 bottle Ichthyophtherius Remedy, and two Neptune shells. of 9 foods and remedies (Collection No. 301) for. .\$2

## AQUARIUM ACCESSORIES



In addition to furnishing the supplies listed here, we are also able to offer complete service on special equipment.
AQUARIUM CEMENT. Mixed ready for immediate use. Retains
elasticity indefinitely. 40 c per can; 3 cans for $\$ 1.10$.
POWDERED AQUARIUM CEMENT. Our own superior brand. Powder and oil to be mixed as needed. 90c per carton; $\$ 2.25$ for 3.
AQUARIUM CLEANERS. Blade holder mounted on long extension handles for reaching any part of the glass. 50c each. A special Simplex type for $\$ 1.50$ each.
AQUARIUM GRIT. Fine grit, especially prepared for growing oxygenating plants. 5 pound bag, $25 \mathrm{c} ; 10$ pound bag for 12 gal . oxygenating plants. 5 pound bag, $25 \mathrm{c} ; 10$ pound bag for 12 .
AUTOMATIC RUBBER SYPHONS. Rubber tube with metal bulb which sucks water automatically. \$1 each.
CRYSTAL SYPHON. Self-starting, handy, practical. 60c each.
GLASS ROD BREEDING CAGES. $5 \times 4 \times 3$ inches. Suspended in a small aquarium the cage may be occupied by ripe females of live bearing fishes. $\$ 2$ each. Extra long type for spawning Danios, size $16 \times 41 / 2 \times 31 / 2$ inches, $\$ 3$ each. New type for Labyrinth Fishes permits the young to escape when they are able to swim free of the nest. Size $71 / 2 \times 6 \times 71 / 2$ inches, $\$ 3$ each. V-type cage has narrow opening in $V$ shape bottom to permit newly born fishes to escape from parents. \$1 each.
DIP TUBES. For removing sediment. 14 in. size, 35 c each; 18 in . size, 50c each ; special extra large type, 75 c each.
FLOATING THERMOMETERS. Bulb side, Mercury or Spirit. 4 in. bulb type with spirit indicator, 35 c each: 4 in . bulb type with mercury indicator, 50 c each ; 6 in . bulb type with mercury indicator, 75c each: 6 in. straight side with mercury indicator, 60c each. Straight side, 4 in., 25c each.

Holders which have a little suction base of rubber, with clip to hold thermometer in one place, 15c each.
NON-FLOATING THERMOMETER. To be placed in the sand at the bottom of the aquarium. 50 c each.
GLASS FEEDING RINGS. Floating rings of glass tubing that keep food from scattering. Small, 15c; large, 25 c each. With tray to prevent food sinking, 50c each. For Enchytrae worms, 35c each. NETS. For handling fishes. Quadrangular nets $21 / 2$ inch size, 25 c each; 4 inch size, 35 c each. Special large net for handling Tropicals, $\$ 1.25$ each. 6 inch ring net for goldfishes, 60 c each
PLANTING TONGS. Very useful for working among the plants in the aquarium. Each, 50c. Special Simplex type for $\$ 1$.
PLANTING SNIPS. For trimming old foliage from aquarium plants. \$1.50 each.

## COLLECTION

of Aquarium Supplies
We recommend the purchase of this collection which includes 1 Crystal Syphon, 1 Thermometer, 1 Thermometer Holder, 1 Feeding Ring, 1 Aquarium Cleaner, and 13 -inch Tropical Fish Net. A very good collection for the beginner. Total value $\$ 3$. This group of 6 items (Collection $\$ 2.25$

ORDER EARLY -- Use This Order Sheet
[खo Please use this Order Sheet. It's easier for you and for us.
Read instructions on reverse side of sheet
No. CA33

WILLIAM TRICKER, Inc.
Saddle River, N. J. and Independence, Ohio.
(Send order to nearest office)

Water Lilies Aquatic Plants Ornamental Fishes

Date.
Name.
Street Address.
City. State.

Express Office.
Give name of Express Office if different from Post Office........................................................
TMRMS: Cash with Order. We do not Prepay Postage or Express Charges. No Goods sent C. O. D.


## Order "Praefecta" Fertilizer for your Lilies

Lilies like a rich soil; they are gross feeders. If you want to be sure your lilies will have plenty of plant food, use our Praefecta fertilizer. It is scientifically prepared after years of experimental work in Tricker's laboratories. It has just the right ingredients to promote healthy growth and lots of flowers. It can also be used for any other form of flowers and perennials with excellent results, but no other fertilizer can equal it for water lilies. Mix one quart with each three bushels of soil at planting time. As the season advances
and the soil becomes exhausted, add Praefecta in small amounts to keep your lilies full of bloom all summer. Apply according to instructions on containers. We recommend that you keep Praefecta on hand and order now while you are thinking about it. It is not expensive considering the results you get.

## PRICES

1 Quart Carton.... $\$ 0.95$
10 Pound Bag..... $\$ 2.95$

5 Pound Bag...... 1.65 25 Pound Bag..... 6.50

## ADVICE and TERMS - Read Carefully

Remit by money order, draft, express money order, or check.
Always use order sheet for making out your order.
Please do not mix your order and letter together on the same sheet.

TERMS.We accept orders only when accompanied by funds sufficient to cover the price of goods and 50c extra for shipping can when fish are included, except where list price specifically states that shipping can is included. If we deem it advisable to ship the fish in the returnable cans, the 50 c included with the order will be refunded. NOTE: We do not pay express charges or postage on any shipments. NOTE: We make a charge of $\$ 1.00$ to cover overhead costs on orders which are cancelled. The $\$ 1.00$ is deducted from the remittance when it is returned.

## HOW AND WHEN WE SHIP

All shipments are made by express collect. Should you instruct us to send plants by parcel post, it will be entirely at your own risk, for we cannot assume responsibility for loss, damage or condition of the plants sent this way. However, if you do wish your shipment by parcel post, please send us funds to cover the postage, for we do not pay transportation charges on orders sent out either by parcel post or express. Live fish are shipped in water and must go by express.

Water lilies and aquatic plants may be shipped safely any time of the year. Hardy water lilies may be planted any time, but we cannot ordinarily take them from the growing ponds until the end of March. Contrary to the erroneous advice, late planting does no harm.

Tropical lilies may be set out whenever the weather is settled and the temperature averages 70 degrees Fahrenheit. This means they may be planted about June first in the latitude of New York, Cleveland and Chicago.

Goldfishes, aquarium plants and supplies are shipped any time during the year. Tropical fishes are shipped in ordinary cans from June 1 to October 1, but the remainder of the year it is best to use one of our special shipping cans, well insulated against cold. A deposit of $\$ 3$ is required to insure prompt return of the insulated can.

GUARANTEE. Our stock is true to name, packed with the utmost care, and it should reach you in satisfactory condition. We are not liable for damage which occurred in transit. If shipment is not in good condition notify the Express Company and answer the following:

Date and time of delivery.
Condition of the package, or if fish are shipped, condition of can and water in can.

Describe in detail any loss and possible cause.
Your claims or complaints must be made within 10 days after receipt of stock. No attention to claims or complaints will be given after this time has expired.

A sure indication of the quality of our stock is the fact that we have customers who have sent us orders year after year since our first catalog was issued.

We reserve the right to replace unsatisfactory shipments if the damage or loss is not the fault of the carrier.

We also protect our customers by filing claim against the carrier for goods damaged while in transit, providing the losses are substantiated by a bad order report from your local express agent.

OUR PRICES. We believe our prices are as low as any reliable grower can offer in the same grade of goods. Some may offer lower prices, but the best goods are always cheapest in the end. Try ours.
SUBSTITUTION. In case we should be out of one or more varieties on your order, with your permission we will substitute with some equally good, or with material of greater value than the original order.
CAUTION. Be sure to give your name in full, Post Office, R. F. D., street address, name of city or town, and state.

## Where did you first hear about our Water Lilies and Ornamental Fishes?

## Do you know some folks who would like a copy of our Catalog?

Please write their names and addresses here:


## LIGHTING, HEATING and AERATING EQUIPMENT

ILLUMINATOR. Brass, chromium plated. Has rubber suction cups for holding in any position on glass aquarium, $\$ 3$ each
"TROPI-LITE" HEATER-LIGHT. All-glass heater using electric light bulb as heating element. lluminates aquarium and helps plant growth. Each size furnished with different power bulb which can be changed to any power from 5 watts to 100 watts as needed. 9 in., $\$ 2.40$; $101 / 2 \mathrm{in} .$, , $\$ 2.50$; 12 in ., $\$ 2.65$; 15 in., \$3. "Tropi-Lite Junior," 6 in. size for breeding tank, $\$ 1.75$ Bulbs for "Tropi-Lite," 12 candlepower, 20c each.
"TROPI-LITE" THERMOSTAT. Small, inconspicuous, green color blends with plants; can be connected to series of tanks up to 200 watt capacity Adjustable to any degree of temperature by turning small adjusting crew. Monel wire bracket to fit any aquarium. Compiete with 6 ft. lamp cord, 3 -way plug, and instructions. $\$ 1.50$ each.
SCHICKERLING ULTRA-VIOLET SUN LAMP. The use of this artificial sun lamp will keep fish and plants in healthy condition and also bring out the beautiful coloring of the fish.

New List Price of Lamps Use the following sizes for your tanks
For 1 Gallon use 25 Watt $\$ 1.00$
For 2 Gallon use 50 Watt 1.25
For 4 Gallon use 60 Watt 1.50
For 6 Gallon use 80 Watt $\mathbf{2 . 0 0}$
For 8 Gallon use 100 Watt 3.00
For 15 Gallon use 140 Watt 4.00 For 25 Gallon use 170 Watt 5.00 For 40 Gallon use 200 Watt 6.00 For 60 Gallon use 300 Watt $\mathbf{7 . 5 0}$

List Price of Special
Ultra-Violet Ray Metal Reflectors-use as follows

## Use No. $10 \$ 0.75$

Use No. $10 \quad .75$
Use No. $10 \quad .75$
Use No. $10 \quad .75$
Use No. $11 \quad 1.25$
Use No. $11 \quad 1.25$
Use No. $12 \quad 2.00$
Use No. $12 \quad 2.00$
Use No. $13 \quad 3.00$

Holders for Reflectors that can be attached to Aquariums. List Price-No. 1 for smaller lamps, $\$ 1.00$; No. 2 for larger lamps up to Price-No. $\$ 1.75$. De Luxe Bronze Stand, $\$ 5.00$.

CHIL-CHASER. Non-automatic nit of brass construction heavily chromium plated. Excel ent construction insures lon ife, 25 and 40 watt sizes, $\$ 2$

ATcuman MODEL An auto
matic aquarium heater that
 ill matic aquarium heater tha your fishes during the chill fall and winter months Adjustable arm in head of unit permits etting range of temperature Sturdy brass construction throurhout heavily chromium pated. Suipension clip of spe cial design to take either regular ancle frame construction or bulb edged glass. (Write for special folder.) \$6 each.

MODEL W.E.L. AUTOMATIC HEATER. (See illustration.) This compact unit is designed to set in the bottom of the aquarium and the base covered with leaving the caps of the heater and thermostat, and the aspiraand exposed Precision construc tion insures extreme accuracy in maintaining an even tempera ture. $\$ 15$ each.

This same unit is also avail
 able for permanent installation through slate base. We will install at factory in any aquarium ordered up to $20-\mathrm{gal}$. capacity. $\$ 12$ each.

WESTINGHOUSE AUTOMATIC HEATER. A portable, indestructible heating unit that is thor oughly reliable. No special aquarium mounting or drilling required. Is not adjustable as it is set at the factory to maintain an approximate temperature of 78 degrees. $\$ 6.95$ each.


MARK TIME SWITCH (Portable). When used in connection with electrical aerating and illuminating equipment it can or illumination for a defnite period whenever desired. Also a great convenience for radios, fans, heaters and ultra-violet treatment of aquariums. Toggle Setting Table Switch, adjustable in 3 min . steps to 30 min. $\$ 3.95$ each. Dial Setting Table Switch turns on or off any time within 15 hrs. by setting dial and pulling toggle. $\$ 4.95$ each

Aeration has definitely established itself as essential to good aquarium balancs and experienced fanciers everywhere are raising and keeping healthy fish with its aid. Free oxygen in water is necessary for the growth of fish and plants alike, while digestion o food is affected by the amount of available oxygen. Unfavorable conditions harmful to fish and at the same time favorable to the growth of undesirable bacteria are oxidized by aeration.

The use of an air pump permits keeping many more fish in smaller quarters and where goldfish are kept eliminates the necessity of occasionally changing the water.

Take a step toward better aquarium balance, better fish and better plants by using a dependable aerator specially designed for this purpose. All of the apparatus listed below has been tested in our laboratories and we feel sure they will solve your aerating problems.

AGLA ONE-CYLINDER PUMP.
The most efficient inexpensive pump offered. Sturdy construction assures quiet continuous operation. Can be used on either A.C. or D.C. current and will not stall like induction motors. One cylinder size sufficient to aerate 12 to 15 aquariums. $\$ 12.50$ each. (Illustrated.) AGLA TWO-CYLINDER

PUMP. Similar to above but has two cylinders for larger capacity. $\$ 16$ each. ELECTROZON AERATORS.

Of sufficient capacity to aerate up to 25 aquariums Transformer and rheosta built into each unit; air is pre-heated before being forced through aspirators. Fine workmanship throughout Model A, $\$ 27.50$ each; Model D, $\$ 22.50$ each. (Illustrated.)

We are pleased to answer questions about aerating cquipment and all other aquarium matters.


SPECIAL TRICKER AIR PUMP. The epitome of design and con-
struction. A costly motor gives practically noiseless operation: special built-in time switch gives intermittent aeration at $5-\mathrm{min}$. intervals. Air reservoir or equalizer an integral part. Will feed 30 or more aspirators. Guaranteed for 1 year. Model WEL, $\$ 40$ each Two cylinder model will feed at least 60 aspirators. $\$ 45$ each.
AIR RESERVOIR. Used in conjunction with any air pump for equalizing flow of air to aspirators. $\$ 1.50$ each.
ASPIRATOR. Small composition stone for dividing air released into
the aquarium into extremely fine bubbles. Domestic stone, 25 each: Imported stone, 35 c each. Small adjustable nickel plated aspirators, 50 c each; large size nickel plated and adjustable, $\$ 1$ each.
CONTROL VALVES. Needle valves to control amount
of air flow to aspirator. Special clip attachment permits valve to be clipped to bulb edged glass. One way needle valve control, 45 c each; $\$ 4.50$ per doz. "T" form, 60c each ; $\$ 6$ per doz. BRASS CONNECTING FIT$\mathrm{H}, \mathrm{T} \mathbf{X}$. Available in T . each.
RUBBER HOSE. Pure gum
rubber tubing to fit valves and aspirators. 12 ft ., 50 c ; 100 ft ., $\$ 3.50$.
 AQUARIUM FILTER. Special device to act as filter in conjunction special filtering material and keeps tank crystal clear. Complete with filtering material, $\$ 4$ each. Extra packages of filter coal, 50c each.


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H1 1104
Did you ever see a picture more lovely? These five glorious lilies were photographed in natural color to show you just how they look and how really beautiful they are in their full range of colors. This new collection we have named Beau-Ideal, which signifies the highest type of beauty or excellence. Collection includes one each of the five following varieties, easily identified by color:
ROSE AREY. Deep cerise pink; large flowers.
GLORIOSA. Large red, the finest red.
Chromatella. Deep yellow, the best yellow.
MARLIAC White. Large flowers of sparkling white.
COMANCHE. Changeable, apricot to deep coppery bronze.
Collection No. 221. All five for only .......... \$845

## WILLIAM <br> TRICKER


[^0]:    (Above) This attractive pool picture was sent in by Mrs. Ray H. Cappel, Uhrichsville, Ohio. We want you to read excerpts from her enthusiastic letter-
    "We built our pool according to directions in your HOW TO BUILD A LILY POOL and we think it quite perfect. Of the five lilies planted I think Gloriosa the most profuse bloomer. It was never without flowers from the last of April until frost, sometimes having as many as 8 lovely blooms. . . . We used your Scavenger Collection No. 34A and our pool was clear all summer. The Giant Comet goldfish spawned early in the summer and we now have quite a few speckled babies.. . . Water gardening is so easy when Tricker's supplies are used that I think dening is so easy when Tricker's supplies are used that I think everyone who can should have a pool."
    (Above) This attractive pool picture was sent in by Mrs. Ray

[^1]:    Our oxygenating plants are greenhouse-grown, the sturdiest and best looking plants you can purchase.

